

# Saptarshi Mandal

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## Career Objective:

Seeking a challenging position where I can effectively contribute my skills as Independent Contractor/ Freelancer for **Remote Jobs** in:

- Data Modeling & Visualization (SSRS/ Power BI/ MicroStrategy/ Tableau/ Zoho Analytics),
- ETL (SSIS, ADF, Informatica Powercenter),
- Database/System/Server Administration/Configuration (Windows Server/ SQL Server/ Report Server/ Web Server/ AD),
- Cloud Computing (Azure/ AWS/ GCP),
- Project Documentation (Project Charter, Statement of Work, Data-Flow Diagram, Technical Design Document, Project Manual & Specifications, Reverse engineering, Risks and Issues Log, etc.),
- Quality Assurance (QA) analyst,
- Flyer Designing,
- Photo/Video Editing/Merging,

which will help me to explore myself fully and realize my potential.

## Professional Summary:

- 12.5+ years of experience in IT Industry with Microsoft Technologies.
- 1 year 2 months' part time experience as a Govt. Collage Lecturer.

## Educational Qualification:

- B.Sc. (Bachelor in Science).
- MCA (Masters in Computer Applications).

## Key Roles and Responsibilities:

Operational & Functional:

- Project planning, controlling and monitoring project progress and performance including:
  - ✓ Developing and maintaining detailed project plan & progress toward the implementation.
  - ✓ Final approval of the design specification.
  - ✓ Approve the implementation schedule and project plan.
  - ✓ Managing project deliverables in line with the project plan.
  - ✓ Recording and managing project issues and escalating where necessary.
  - ✓ Resolving cross-functional issues at project level.
  - ✓ Managing project scope and change control and escalating issues where necessary.
  - ✓ Monitoring project progress and performance, problem solving, decision making.
  - ✓ Providing status reports to the project sponsor.
  - ✓ Working closely with users to ensure the project meets business needs.
- Client management, meeting deadlines/ commitments, email & meeting management.
- Managing, leading the project team (Developers [DotNet/T-Sql/php/MSBI]/ Designers/ SEO/ Quality Analyst/ Network Admin/ System Admin) and directing the assigned project resources to best meet project objectives.
- Analyze risk and Periodic risk management – identifying, monitoring, and responding to project risks and people risks – and development of mitigating.

Technical:

- Requirement Analysis, Project Planning, Database Design, Page/Report Layout Designing.
- Code Review, Test Case Review, Quality Analysis, Integrating 3<sup>rd</sup> Party Tools.
- MSBI Structure Planning and Server-side Interaction, Creating & Monitoring ETL Tools.
- SQL DBA, Database Server & Windows Server Administration.
- IIS/ Web Server Administration and Web Hosting.
- Repository/ Source Code Management, Logging, Version Control, Continuous Integration.
- Site Performance and Security Checking.

## Strengths:

- Analytical thinking - the ability to understand overall visions, as well as minute details.
- Organization - the ability to prioritize work.
- Leadership - the ability to inspire team members to execute the plan and successfully complete the project.
- Communication - the ability to communicate clearly, effectively, and regularly.
- Interpersonal - the ability to develop a relationship with each team member in order to know "what motivates them, how they think things are going, what concerns they have, and how they feel about things".
- Problem-Solving - the ability to anticipate problems, recognize them when they arise, and solve them quickly and efficiently.
- Time Management - the ability to prioritize, delegate, and manage time effectively.
- Human resources - the ability to interview and choose team members with the proper skills and knowledge.

## Work Experience:

- Companies of UK, Europe, USA & Australia; Independent Contractor; Since January, 2018.
- Lynq Limited; Independent Contractor; April, 2017 – December, 2018.
- Aptude Software Solutions India (P) Ltd.; Technical Manager; August, 2014 – March, 2017.
- Talent Logic Info Service Pvt. Ltd.; Project Leader; May, 2011 – June, 2014.
- Shriya Infrastructure (I) Pvt. Ltd.; IT Coordinator; July, 2008 – October, 2010.
- Maitra's Business Consultants; Senior Software Engineer; April, 2007 – June, 2008.
- Xcaliber Infotech; Software Developer; June, 2006 – March, 2007.
- Sarojini Naidu College for Women; Lecturer (Part Time); April, 2005 – May, 2006.

## Technical Education:

- MCA (Masters in Computer Applications); Indira Gandhi National Open University; June, 2005.
- ADCA; Indira Gandhi National Open University; June, 2004.
- PGDCA; Indira Gandhi National Open University; June, 2004.
- 'O'- Level; DOEACC; January, 2003.
- CIC (Certificate in Computing); Indira Gandhi National Open University; December, 2001.
- GDCA (Graduate Diploma in Computer Application); The Institute of Computer Engineers (India) [ICE (I)]; March, 2000.

## Other Qualifications:

- Certificate in Counseling, State Legal Services Authority, West Bengal.
- Certificate in Legal Awareness, Women College, Kolkata.
- Training in First Aid, Institute of General Health & Hygiene, West Bengal.
- Diploma in Rabindra Sangeet, Prayag Sangit Samiti, Allahabad.
- Certificate in English Language, Ramkrishna Mission Institute of Culture, Kolkata.

## Technical Skills:

- Databases:
  - ❖ SQL Server on-premises (Versions: 2019/ 2017/ 2016/ 2014/ 2012/ 2008 R2/ 2008/ 2005/ 2000 / 7.0) Enterprise/ Standard/ Express Edition with
  - ❖ Installation, Upgrade (In-Place Upgrade), and Migration (Side-by-Side Migration)
  - ❖ SQL Server Data Tools/ Business Intelligence Development Studio
    - SQL Server Reporting Services (SSRS)
      - \* Reports with Report Server, Report Manager & Subscriptions
    - SQL Server Integration Services (SSIS)
      - \* Tasks, Containers & Transformations
    - SQL Server Analysis Services (SSAS)

- \* Multidimensional Data
  - \* Data Mining
- ❖ SQL Server Management Studio
  - Database Engine
    - \* Management
    - \* Notification Services
    - \* SQL Server Agent
  - Configuration Tools
    - \* Reporting Services Configuration Manager
    - \* SQL Server Configuration Manager
  - Performance Tools
    - \* Database Engine Tuning Advisor
    - \* SQL Server Profiler
- ❖ Table and index partitioning
- ❖ Database Mirroring, Log Shipping, Replication, Failover Clustering
- ❖ AlwaysOn High Availability
- Cloud Computing
  - ❖ SQL Azure
  - ❖ Amazon Web Services (AWS)
  - ❖ Google Cloud Platform (GCP)
- Interactive Visualizations/ Business Intelligence Solution
  - ❖ Power BI
  - ❖ MicroStrategy
  - ❖ Tableau
  - ❖ Zoho Analytics
  - ❖ Crystal Reports
- ETL Tools
  - ❖ Azure Data Factory (ADF)
  - ❖ Informatica Powercenter
- Visual Studio (Enterprise/ Standard/ Express) with .NET Framework
  - ❖ Visual Studio 2017/ 2015/ 2013/ 2012/ 2010/ 2008/ 2005/ 2003
  - ❖ with .NET Framework 4.7.2/ 4.6.1/ 4.5.1/ 4.5/ 4.0/ 3.5 and 3.0/ 2.0
  - ❖ and MVC 5/ 4/ 3/ 2 and 1
  - ❖ with Bootstrap & Footable
  - ❖ Responsive Web Design (RWD)
  - ❖ Entity Framework
  - ❖ Visual Studio 6.0
- Languages:
  - ❖ Asp.Net (4.7.1/ 4.7/ 4.6.2/ 4.6.1/ 4.6/ 4.5.2/ 4.5.1, 4.5, 4.0, 3.5, 3.0, 2.0, 1.1)
  - ❖ C# (7.0/ 6.0/ 5.0/ 4.0/ 3.0/ 2.0)
  - ❖ OOPS concept
- Mobile Application Development SDK & Framework
  - ❖ Ionic
  - ❖ AngularJS
  - ❖ Apache Cordova
- Microsoft Technologies:
  - ❖ Windows Presentation Foundation (WPF)
  - ❖ Windows Communication Foundation (WCF)
  - ❖ Windows Workflow Foundation (WF)
  - ❖ Web Service
  - ❖ Language Integrated Queries (LINQ)
  - ❖ AJAX, MVP, MVVM
  - ❖ Silverlight (2, 3, 4, 2012) with Expression Studio (Blend, Web, Encoder Pro, Design)
  - ❖ SharePoint Foundation (2010, 2013)
- Scripting Language:
  - ❖ JavaScript
  - ❖ VBScript
  - ❖ jQuery
- MarkUp Language:
  - ❖ HTML with CSS
  - ❖ XML (1.0, 1.1)
  - ❖ XAML
- Operating System:

- ❖ Windows (95, 98, 2000, XP, Vista, 7, 8, 8.1, 10)
- ❖ Windows Server (2003 R2, 2008, 2008 R2, 2012, 2012 R2, 2016, 2019) with IIS (6.0, 7, 7.5, 8, 8.5, 10.0)
- ❖ DOS
- ❖ UNIX
- ❖ Linux (Ubuntu 10.10, Ubuntu 11.10)
- FTP Software:
  - ❖ WinSCP (4.3.7) – SFTP, FTP and SCP Client
  - ❖ PuTTY (0.61) - SSH and Telnet Client
  - ❖ FileZilla (2.2.32, 3.5.1) - FTP Client
  - ❖ Serv-U (6.4.0.6, 11.0.0.2) - Server
- Source Code Management (SCM) Tool:
  - ❖ Git - Version Control System
  - ❖ Mercurial 1.9.2 - Version Control System
  - ❖ TortoiseHg 2.1.3 - Repository
  - ❖ Visual SourceOffSite (3.5.3, 4.0)
  - ❖ Visual Source Safe 6.0
- Data Modeling Tools
  - ❖ SqlDBM
  - ❖ Oracle SQL Developer Data Modeler
- Testing Tools:
  - ❖ WatiN - Web Application UI Testing and Functional Testing Framework
  - ❖ NUnits 2.5.10 - Unit Testing Framework
  - ❖ NDbUnit - Database Unit-Testing Framework for .NET
  - ❖ Moq.4.0.10827 - Unit Testing Mocking Framework
- Logging Tools:
  - ❖ Elmah 1.2 - Error Logging Modules and Handlers to Logging Runtime Errors
  - ❖ Indihang – Web Log Analyzer
  - ❖ Selenium - Portable S/w Testing Framework for Web Applications (Automates browsers)
  - ❖ NLog 2.0 - Logging Platform for .NET
- Database Migrations:
  - ❖ SQL Metal - Command-line Code Generator Tool for LINQ to SQL
  - ❖ Migrator dotnet 0.8.0 - Database Versioning System
  - ❖ ScriptDB - Console App to Script all the Objects in a Database
- .Net Decompiler:
  - ❖ .Net Reflector 7.1.0.143
  - ❖ ILSpy 1.0.0.1000 - Open-Source .NET Assembly Browser and Decompiler
  - ❖ dotPeek 1.0.0
- Other Tools/ Applications:
  - ❖ Jenkins - Continuous Integration Server
  - ❖ Redmine 1.2.1 - Project Management Web Application
  - ❖ BitBucket – Web-based Hosting Service
  - ❖ Firebug for Firefox – Web Development Tool
  - ❖ Duplicate Detection and Consolidation (DDC) in CodeRush 11.2 for Visual Studio
  - ❖ Simian - Similarity Analyser to Identifies Duplication in Source Code
  - ❖ Varnish Cache 3.0.3 - Web Application Accelerator
  - ❖ HoboCopy v1.0.0.0 - Backup/Copy Tool
  - ❖ Cyclope - Employee Surveillance Solution
  - ❖ Spiceworks - Network Inventory, Network Monitoring and Help Desk Software
  - ❖ PhpMyAdmin - MySql Database Administration Tool
  - ❖ WampServer - Windows Web Development Environment
  - ❖ Apache httpd Web Server - HTTP Server Program
  - ❖ Godaddy – Internet Domain Register
- Windows Tools
  - ❖ Windows Remote Desktop (terminal servers or other remote computers)
  - ❖ Performance Monitor
  - ❖ Event Viewer
  - ❖ Scheduled Tasks with Batch Files / Batch Programs or Scripts for Routine Tasks
  - ❖ DNS Lookup
  - ❖ Excel Delimiter
- VBA
  - ❖ Excel Macro Series of Commands and Functions using VBA
  - ❖ ExcelLibrary - Excel Fileformat Library

- Customer Relationship Management system (CRM)/ Enterprise resource planning software (ERP)
  - ❖ Microsoft Dynamics
  - ❖ Zoho
  - ❖ Salesforce
  - ❖ Sage MAS 200
- Content Management System (CMS)
  - ❖ Orchard/ Kentico/ DotNetNuke
  - ❖ Wordpress/ Drupal/ Magento
- Remote Log-In Tools
  - ❖ PC Anywhere
  - ❖ Team Viewer
  - ❖ Log Me In
- Firewall
  - ❖ Windows Firewall
  - ❖ Hardware Firewall
  - ❖ Barracuda Spam & Virus Firewall 300
  - ❖ Barracuda Web Filter 310
- System Tools
  - ❖ Norton Ghost
  - ❖ Hiren
- SEO
  - ❖ Google Analytics
  - ❖ PageRank Checker

### Other Computer/ Software Knowledge:

Excel, FrontPage, Outlook, PowerPoint, PhotoDraw, Publisher, Word, OneNote, 3D Studio MAX 3, Maya 4, Corel DRAW 10, Photo-Paint 10, R.A.V.E. 1.0, Macromedia Flash 5, Flash 8, FreeHand 9, Dream weaver 4, Director 8.0/8.5, Adobe Flash CS3, Adobe Dream weaver CS3, Adobe ActiveShare 1.4, After Effects 5.0, Dimensions 3.0, GoLive 5.0, Illustrator 9.0/10, ImageReady 7.0, InDesign 1.5, InDesign CS3, PageMaker 7.0, Photo Deluxe 1.0, Photoshop 6.0/7.0/CS2, Premiere 6.0, Streamline 4.0, Instant Artist, SoundForge 4.5, SnagIt 5, AutoCAD 2000, Tally 4.5/5.4/6.3, QuickBook, VideoJoiner, GIMP, ProShow Producer.

Languages: Vb 6, Vb.Net (VB 7, 7.1, 8.0, 9.0, 10.0), F#, COBOL, FORTRAN, FOXPRO, C, C++, Java, PHP.

Databases: Oracle (8/8i/10g), OBIEE, OWB, Access, DB2, MySql.

### Networking and H/W:

- Setting up Virtualization with VMware Workstation/ VirtualBox.
- Managing Active Directory for Windows Server.
- Creating and managing users under Active Directory.
- Managing MS Exchange Server.
- Creating and managing email groups. Managing email firewall.
- Creating and managing network groups. Setting up proxy server and web filter.
- Creating Domain Controller, DNS Lookup, Host A, FTP.
- Monitoring PC, Network, Bandwidth using Cyclope and SpiceWork.
- Taking the backup of PC with the OS and applications using the Hiren and Acronis True Image software.
- Good knowledge of hardware information such as CPU, Memory, Disk, Network, Bios.
- PC Data Recovery using the Stellar Phoenix software tools.
- Configuration and synchronizing of OUTLOOK with the Company WEBMAIL.
- Installation and Maintenance of LAN Switches, Hubs, etc.
- Design, Implementing and Troubleshooting of LAN and WAN.
- Modem configuration, Router configuration, Server configuration, etc.
- Good skill on PC assembling, OS and S/w installing, Troubleshooting, etc.
- Installing and maintaining the VOIP phones and printer drivers over the networks.

### Projects:

➤ Project #23, #24, #25

**Project Name :** **Macola Data Extraction & Transformation with SSIS Packages**  
**Client Name :** Ultra Electronics CEMS (Weymouth, Dorset, England)  
**OS :** Windows Server 2012 with IIS 8.0  
**Technology Used :** SQL Server 2008, SSIS 2008, SQL CLR, C#  
**Role :** Independent Contractor  
**Duration :** April, 2017 – December, 2017  
**Description :** There were three projects (Part Master Import, BOM Export, and Batch Name Transfer) related to Macola data extraction & transformation.

➤ Project #22

**Project Name :** **Data Warehouse with SSRS Reports & SSIS Packages**  
**Client Name :** Arthrex (Florida, United States)  
**OS :** Windows Server 2012 with IIS 8.0  
**Technology Used :** SQL Server 2014, SSRS 2014, SSIS 2014, BCP, SQL CLR, C#  
**Role :** Technical Project Manager  
**Duration :** June, 2016 – March, 2017  
**Description :** There were seven projects (Agile 1.6, QMS Audit, Mexico Audit, Loftware, Back Order, Website Dataload, MRM-DAM) of Data Warehouse with SSRS Reports & SSIS Packages.

➤ Project #21

**Project Name :** **Data Warehouse Support & Enhancement**  
**Client Name :** HUB Group (Oak Brook, IL, United States)  
**OS :** Windows Server 2012 with IIS 8.0  
**Technology Used :** SQL Server 2014, Oracle SQL Developer, SSRS 2014, SSIS 2014, VBScript  
**Role :** Technical Project Manager  
**Duration :** April, 2016 – March, 2017  
**Description :** There were six projects (Hub Group - Web App, Hub Group - Mobile App (Android & IOS), HUB DW Support, Claims (Mode Transportation), Dark Capacity (Mode Transportation), IES – Data Load, Shipment) related to web & mobile application, Data Warehouse Support & Enhancement with SSRS Reports & SSIS Packages.

➤ Project #20

**Project Name :** **Customer Management System**  
**Client Name :** Depcom Power (Scottsdale, AZ, United States)  
**OS :** Windows Server 2012 with IIS 8.0  
**Technology Used :** VisualStudio 2015, .Net Framework 4.5.2, MVC5 with Bootstrap & Footable, Responsive Web Design (RWD), EF6, LINQ, SQL Azure, SSRS 2014, JavaScript  
**Role :** Technical Project Manager  
**Duration :** March, 2016 – May, 2016  
**Description :** This project is about managing the correspondence between the sales team and their clients.

➤ Project #19

**Project Name :** **Invoice Management Service with Inventory Management Application & Email Service**  
**Client Name :** iKeva Business Centre (Banjara Hills, Hyderabad, India)  
**OS :** Windows Server 2012 with IIS 8.0  
**Technology Used :** Visual Studio 2013, .Net Framework 4.5.1, ASP.Net 4.5, C# 5.0, Apache Cordova, AngularJS & Ionic, SQL Server 2014, SSRS 2014  
**Role :** Technical Project Manager  
**Duration :** February, 2015 – March, 2016  
**Description :** Invoice Management Service is an invoicing tool (like QuickBook) along with Tally integration & CCAvenue Payment Gateway integration. The service is also available as Mobile Application. The service sends

customized emails to users with Statements, Invoices, etc. attachments.  
Inventory Management App is an application to maintain the inventory.

➤ **Project #18**

*Project Name* : **UDM - Universal Data Model**  
*Client Name* : Medsolutions (United States)  
*OS* : Windows Server 2012  
*Technology Used* : SQL Server 2014, SSIS  
*Role* : Technical Project Manager  
*Duration* : December, 2014 – February, 2015  
*Description* : UDM is an ETL tool to coordinate in between different dependent systems.

➤ **Project #17**

*Project Name* : **Vertex Insight**  
*Client Name* : Vertex Wireless Inc. (West Chicago, IL, United States)  
*OS* : Windows Server 2012 with IIS 8.0  
*Technology Used* : Visual Studio 2013, .Net Framework 4.5.1, ASP.Net 4.5, C# 5.0, SQL Server 2014, SSRS 2014  
*Role* : Technical Project Manager  
*Duration* : September, 2014 – February, 2015  
*Description* : VertexInsight is a tool to manage the entire processing of wireless handsets.

➤ **Project #16**

*Project Name* : **CBS**  
*Client Name* : Cushing Business System (United States)  
*OS* : Windows Server 2012 with IIS 8.0  
*Technology Used* : Visual Studio 2013, .Net Framework 4.5, ASP.Net 4.5, Crystal Reports, SQL Server 2014, SSRS 2014  
*Role* : Technical Project Manager  
*Duration* : August, 2014 – February, 2015  
*Description* : This project is about to migrate a Windows Application with Crystal Report to a Web Application with SSRS Reports.

➤ **Project #15**

*Project Name* : **QADSAPMigration**  
*Client Name* : Arthrex Inc. (Florida, United States)  
*OS* : Windows Server 2012  
*Technology Used* : SQL Server 2008, SQL Server 2014, SSIS 2014, SSAS 2014  
*Role* : Technical Project Manager  
*Duration* : August, 2014 – July, 2015  
*Description* : This project is about migrating QAD database to SAP database by using SQL Server and SSIS and upgrading data warehouse.

➤ **Project #10 - #14**

*Project Name* : **Sainex with TL, WishBook, HrSolution & Intrac**  
*URLs* : [www.sainex.com](http://www.sainex.com), [www.wishbook.talentgurus.net](http://www.wishbook.talentgurus.net), [www.talentlogic.com](http://www.talentlogic.com),  
[www.hrsolutionsonline.com](http://www.hrsolutionsonline.com), [www.intrac.saipeoplesolution.com](http://www.intrac.saipeoplesolution.com)  
*Client Name* : Talent Logic Inc. (Kingwood, TX, United States)  
*OS* : Ubuntu 11.10, Windows Server 2012 with IIS 8.0  
*Technology Used* : Visual Studio 2013, .Net Framework 4.5.1, ASP.Net 4.5, MVC5, C# 5.0, EF6, Silverlight, MVVM, SQL Server 2012, LINQ, SSRS, SSIS, SSAS  
*Role* : Project Leader  
*Duration* : September, 2011 – June, 2014  
*Description* : "Sainex" is an Outsourcing/Recruiting based internal web product which allows, maintains and helps Recruiter/IRS (Internal Recruiter Specialists) to outsource Candidates (Jobseekers) for different Positions (S/W, Mechanicals, Accounting etc.) into the client's place only in United States of America. It is a platform for employers and jobseekers, to

meet and exchange information. Advertise for a job, search for a job, browse through resumes and place their resume which would be viewed by people all across the world.

Sainex maintains and updates daily transactions with performance reports into the well secured database. Sainex use to track call-logs from Cisco VOIP system and login details from Card Reader Software. The website has its own "WishBook" (like Facebook) application. It is integrated with its own payroll software for creating and maintaining employees' payroll as well as jobseekers' payroll. It also generates Excel/Doc/.dat reports and sends them to concern email addresses as an email attachments or embedded emails.

**Responsibilities:**

- Managing a team of 7 Programmers, 2 Designers, 2 Quality Analysts, 2 SEOs and 1 content writer along with communicating with clients & handling projects.
- Installation, configuration and administration of Windows and Linux Servers, maintain and manage various services running in the system which include IIS, proxy server, mail server, network file server, router, firewall etc.
- Application maintenance including installation, configuration & administration using tools like Windows Remote Desktop and PC Anywhere for the remote Web and DB Server & using tools like PC Anywhere, LOG ME IN, TEAM VIEWER for the remote clients.
- Involving in installation and configuration of DB Server, Report Server, Web Server and IIS.
- Creating DNS Lookup, Creating event handlers and task schedulers.
- Taking back-up and restoring the site and database content for migration.
- Upgrading programs and maintaining repository.
- Uploading files using FileZilla, Working with Version Control System.
- Involving in coding with validation checking, testing & trouble shooting.
- Participating in Database designing, creating Tables and writing complex Stored Procedures, Functions, Triggers for data manipulation and retrieval. Creating Indexes, Agents and Jobs.
- Creating reports (tabular, chart, graph etc.) using SSRS and integrating them to application.
- Creating database maintenance plans, maintaining db backup, restore data from the db.
- Creating and managing SSIS ETL Tools, SSRS Reports, SSAS Cubes.
- Preparing Test Cases. Fixing issue related tickets raised by the client.

➤ **Project #7, #8, #9**

**Project Name :** **Mednex with Intrac**  
**URLs :** [www.mednex.net](http://www.mednex.net) , [www.intrac.nortekmedical.com](http://www.intrac.nortekmedical.com)  
[www.nortekmedical.com](http://www.nortekmedical.com)  
**Client Name :** Nortek Medical (Humble, Texas, United States)  
**OS :** Ubuntu 11.10, Windows Server 2008 R2 with IIS 7.5  
**Technology Used :** Visual Studio 2012 with .Net Framework 4.5, C# 5.0, MVC 4 & Webforms  
SQL Server 2008 R2, LINQ, SSRS, SSIS, SSAS  
**Role :** Project Leader  
**Duration :** September, 2011 – June, 2014  
**Description :** "MedNex" is a state-of-the-art, Web-based Doctors database that locates Doctors with hard-to-find skills, ensuring quick response times. MedNex's automated alerts and 24/7 operability allow Nortek Recruiters nationwide to respond immediately to client (Hospitals) requirements. The system features various reporting and tracking tools that allows users to effectively manage and respond to their customer's requirements. This tool also allows users to track various performance metrics as specified by their clients, which enable them constantly improve upon their capabilities.

"Intrac" is the payroll part of "Mednex", which contains step by step detailed payment processes with reports, charts and graphs. The application is attached with MAS 200 ERP Product and use to generate ADP import file.

**Responsibilities :**

- Same as in **Project #10 - #14**

➤ **Project #5 & #6**

**Project Name :** **MaupinShine**  
**URLs :** [www.maupin.talentgurus.net](http://www.maupin.talentgurus.net), [www.maupin.saipeople.com](http://www.maupin.saipeople.com)  
**Client Name :** GSK (USA) and Maupin Travel (Durham & Raleigh, NC, United States)  
**Environment**  
**OS :** Ubuntu 11.10, Windows Server 2003 R2 with IIS 6.0  
**Database :** SQL Server 2008  
**IDE :** Visual Studio 2010 with .Net Framework 4.0, ASP.Net MVC 3 & Webforms



Technology Used : C#4.0, Ajax, T-SQL, LINQ, Web Service, SFTP, JQuery, Java Script  
Role : Web Developer (Team Member)  
Duration : May, 2011 – April, 2014  
Description : It's a file management system. This project interlinked with the AHM and Maupin. Maupin travel uploads the ticket numbers for users and this project reads the AHM data matched with ticket number and generates the Maupin formatted output file. Then the system sends the file to GSK. This application is basically segregate the data for GSK in proper format. AHM is one of vendor of GSK uploads a file to the Maupin server which is another vendor of GSK. Then Maupin admin uploads the MOC sheet to the server which consists of various MOC numbers. This application processes the file uploaded by the AHM and MOC numbers uploaded by the Maupin and then generates set of 8 different files to the GSK, based the file which comes from AHM. And finally, sends these files as package to GSK.

**Responsibilities :**

- Involving in complete Software Development Life Cycle that includes Requirement analysis, Development, Testing, Deployment, Maintenance, Project Execution and Client Coordination.
- Implementing n-tier architecture involving UI layer, Business logic layer, Data access layer.
- Involving in installations, configurations and troubleshooting of MS SQL Server and VS.
- Participating in Database designing, creating tables and writing complex Stored Procedures, Functions, Triggers for data manipulation and retrieval.
- Creating SQL Server Indexes, Agents and Jobs.
- Creating reports (tabular, chart, graph etc.) using SSRS and integrating them to application.
- Maintaining the database backup, restore the data from the database.
- Creating database maintenance plans and maintaining those.
- Involving in coding with validation checking, testing & trouble shooting.
- Validating the web pages using Validation Controls in Presentation Layer.
- Working with Grid View in Presentation Layer, Data Layer object in C#.
- Using Forms Authentication.
- Protecting information from leakages in terms of user authentication.
- Developing and deploying custom web-part & content types as a feature.
- Maintaining Employee information like personal & social details using Cryptographic Hash Algorithm like SHA1 and MD5.
- Working on validations and animations using JQuery.
- Preparing Test Cases, Performing Unit Testing and Integration Testing.
- Creating event handlers and task schedulers, Developing and deploying Web Services.
- Working with SFTP and 3rd party tools.

**➤ Project #4**

**Project Name :** Real Estate Websites  
**Client Name :** Shriya Groups (HiTech City, Hyderabad, India)  
**Technology Used :** Visual Studio 2008, .Net Framework 3.5, ASP.Net 3.5, C# 3.0, WPF, WCF, Ajax, Silverlight, LINQ, SQL Server 2005  
**Role :** Web Developer (Team Leader)  
**Duration :** July, 2008 – October, 2010  
**Responsibilities :** I was responsible for quality code and deliverables from my team. I was responsible for system designing, code review and test review. I managed production support issues and assigned to developers and monitored that they are resolved efficiently and closed on time. I maintained appropriate documents which helped the induction process for new team mates finish in less time efficiently. Apart from this I also took the task of writing complex programs or modules. In this context I have written many utility programs. I involved in all levels of testing from unit level of testing to integration testing and took care that the final product is delivered with good quality and efficiency to project manager and thereby to customers.

**➤ Project #3**

**Project Name :** Online College Website with Online Storage System  
**Client Name :** Biztech Management School (Queensland, Australia)  
**Technology Used :** Visual Studio 2005, ASP.Net 2.0, C# 2.0, SQL Server 2005  
JavaScript, Ajax, Crystal Reports, Visual Source Safe  
**Role :** Web Developer  
**Duration :** September, 2007 – June, 2008

**Responsibilities** : I was responsible for Clients' communication regarding the nature of the information process or computation needs. I was involved in the gathering of the requirements and the documentation by analyzing client requirements by interaction. I was responsible for requirement specifications creation for programmers, identifying the algorithms to be employed. In the development stage I wrote less code and took the responsibility of reviewing the code and output and documenting my review comments for rework by my teammates and continuing the process until the quality is achieved. In the maintenance stage I took the task of fixing the bugs reported by the users and for taking care of enhancements suggested by customers.

#### ➤ **Project #2**

**Project Name** : **Tax Effects Accounting System**  
**Client Name** : ADMS Career Solutions Pvt. Ltd. (Salt Lake, Kolkata, India)  
**Technology Used** : Visual Studio 2005, Visual Basic.Net (VB 8.0), Access, MS Excel  
**Role** : Software Developer  
**Duration** : April, 2007 – August, 2007  
**Responsibilities** : I took the role of programmer in the organization and computerized the accounting department of the organization. In this process I studied the process, designed the system, developed and tested the project and implemented the same which is running efficiently in the concern. I also involved in production support for maintaining the system developed and resolved the complexities and bugs raised by customers efficiently and effectively on time. I also took the task of standardizing the maintenance process which helped in maintenance of documents and process for further reference. I also took part in unit testing and prepared test plan and test cases for the same which helped the further testing process to run smoothly in less time.

#### ➤ **Project #1**

**Project Name** : **Board Examination System**  
**Client Name** : West Bengal Board of Secondary Education (Park Street, Kolkata, India)  
**Technology Used** : Visual Studio 2005, Visual Basic.Net (VB 8.0), SQL Server 2000, T-SQL  
**Role** : Software Developer  
**Duration** : June, 2006 – March, 2007  
**Responsibilities** : Maintenance of the existing computer programs by making minor modification as required. Analysis and development of database structures. Databases generation and maintenance. Development and implementation of computer security systems for database access control. Testing, debugging, documentation and implementation of computer programs and software packages. Solving computer problems for users.

#### **Personal Details:**

**Father's Name** : Madhu Sudan Mandal.  
**Language Known** : English, Bengali, Hindi.  
**Location** : Kolkata, India.  
**Extra-Curricular Activity** : Playing Piano, Drawing, Painting, Singing, Dancing, Writing, Poem Recitation, Paper Crafting, Origami, Knitting, Making Soft Toys, Machine Embroidering, Fashion Designing, etc.  
**Hobbies and Interests** : Reading, Traveling, Photography, Cooking, Collecting Coins, Gardening, Doing Magic, Playing Chess & Badminton, etc.