**Anil Bhatkar - Solution/ Technical Architect**

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**Recent Responsibilities and Core Competencies as a full time Solution and Technical Architect across the Organization**

* Pre-sales activities involving Requirement analysis, Technical solution, Estimation and presentations/proposals
* Across the organization, provide best-fit architectural solutions, technology consultation; implement the solutions; participate in competency development to ensure best-fit and quality technical solutions and creating thought leadership in the area of technology specialization
* Architecting and Designing new system for from scratch development; Application Development/Coding, Architectural & Design documents and Re-architecting/ Refactoring the existing systems. Resolve critical issues, identify and fix critical architectural/framework issues
* Provide effective and optimized solution based on functional and non-functional requirement understanding
* Evaluate various technical options, off-the-shelf third party products and open source frameworks and technology selection including POC for efficient project solutioning and execution of project (center of excellence activities)
* Participate in Design Authority Groups. Technical proposal discussions and presentations with Clients
* Audit and Review technical project health and provide project rating/competency, design & architectural suggestions to tech leads, teams & management on various areas of improvements.
* Identify performance improvements and technical debts based on code review. Guide and mentor the team on design and coding.
* Proactively identify and conduct new technology and tech-gap initiatives at Org level. Inputs to Design and Architecture Org level repository

**Overall Key Career Highlights and Competencies**

* More than 25+ years of rich & cross cultural IT experience with Large/Mid/Small IT Organizations as Solution / Technical Architect (9+ years), Technical Project Management and Delivery/Account Management (over 15+ years) for coordinating the software application development activities entailing requirement capturing (As-Is / To-Be), design, development, testing, costing/billing, planning, scheduling, project progress monitoring and delivery as per quality, time and budgetary norms.
* Delivered 24+ small/large size development / enhancement projects with a peak team size of 25 to 45 members.
* Executed Software Application Development projects (full / partial life cycles and onsite – offshore development model) running for 0.5 - 1 year, in a number of different environments/ domains/ technologies - recent 13+ years in Java-J2EE/web based n-tier & layer/microservice/ MVC framework technology, Open Source Frameworks and have also worked on other multiple technologies (VB, .Net, PHP, PL SQL, Databases).
* Pre-Sales / Proposal - involving Proposal preparation, Requirement capturing, Estimation and Solution approach.
* Domain experience includes UK Gov, Banking, Railway Sales/Order management, Sales Force management, CRM, HRMS, Billing for verticals such as Telecom, IT Resourcing/ Recruiting, and Logistics for Courier, Manufacturing for Automobile/ Elevator industries, Intranet/ In-House Applications.

**Key Achievements**

* A considerable experience in pre-sales activities and won many projects or qualified in last round
* Achieved application performance improvements and stability and maintainability by code review; profiling and team interviews; and Re-architected and Re-designed systems.
* As a Project Manager, successfully completed offshoring of projects from US/ Singapore/ Japan to India after completion of requirements study. Successfully completed and implemented full development projects with quality and on-budget.
* Achieved & Retained CSAT 5 for AT&T projects / CSAT 4.5 for BT project. Achieved CMMi-Level 5 for ATT projects. CMMi and quality implementations initiated from my projects at Xoriant, MoTech and Tech Mahindra
* Developed excellent relations with customers and team; and received several complimentary emails for work.

**Professional IT Experience - 25+ year**

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| **Company** | **Role** | **Period** |
| Freelance Solution and Technical Architect, Mumbai | Solution Architect | Apr 2019 – Till Date |
| Capco Pvt Ltd, Pune / Myanmar | Solution Architect | Jul 2018 – Dec 2018 |
| Arrk Solutions Pvt Ltd, Mumbai / UK | Technical Architect | Feb 2014 - Jun 2018 |
| Infotronics Integrators Pvt Ltd, Mumbai | Business Partner / Sr. Manager | May 2011 - Jan 2015 |
| Tech Mahindra Ltd., Mumbai | Tech Project Manager | Nov 2005 - Apr 2011 |
| Mastek Ltd / Xoriant Solutions Pvt Ltd., Mumbai | Tech Project Manager | Jan 2005 - Oct 2005 |
| MoTech Software (Reliance), Mumbai/ Japan | Tech Project Manager | Jul 2002 - Dec 2004 |
| Xoriant Solutions Pvt. Ltd., Bangalore / Mumbai/ US | Tech Manager | Jun 2000 - Jun 2002 |
| ISRC Pvt Ltd. (Otis Elevators), Pune / Singapore | Sr. Project Manager / Lead | Aug 1994 - Dec 1999 |
| Sundram Fasteners Ltd. (Philips JV), Chennai | Sr. Programmer | Aug 1993 - Apr 1994 |
| Digital Equipment Export (I) Ltd., Mumbai / US | Sr. Programmer | Mar 1990 - Mar 1993 |
| NELCO Ltd. (Tata Group), Mumbai | Sr. Engineer  (System S/W & SCADA H/W) | Jul 1987 - Feb 1990 |

**Technical Skills**

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| Methodologies/ Frameworks/ Design Tool | * Spring Boot/Cloud Microservice Architecture, Spring MVC, Angular, JPA, Hibernate, MyBatis, JOOQ, REST / SOAP services, JBPM 6, Docker, Spring Batch, Swagger. * UML, OOAD, Design Patterns, Design Principles, Junit, Enterprise Architect, Rational Rose 2000, Visual Paradigm UML, MS Visio, ERWIN, Struts MVC * Familiar/worked on : AWS Cloud Services, Google Cloud Platform, Nodejs, Loopback framework, .Net MVC/ .Net Core / Service Fabric - Microservices Framework, Event Driven Architecture, OpenBravo, OFBiz, Jasper, Apache Kafka/ Storm, TOGAF |
| Languages / Tools | * Java/JEE, EJB, RMI, JDBC, JSP, XML, XSL, Servlet, HTML, JavaScript, DHTML, Microsoft ASP, VB, .Net, C#, PL SQL, PHP, Cold Fusion, Dojo, EL & JSTL, Javascript, JQuery, Ajax |
| Databases | * MySQL, PostgreSQL, Solr server, MongoDB, Oracle 9i/10g, MS SQL 2008/2012, MS Access, IBM DB2 V6.1, Informix9. |
| App servers | * Tomcat, IBM WebSphere 7.0, BEA WebLogic 8.1.2, IIS, JBoss |
| IDE | * Eclipse, IntelliJ, IBM RAD 7.0, MS Visual Studio |
| Dev/ Testing Tools | * JProfiler, OptimizeIT, PMAT, JMeter, OpenSTA, Rational Robot, PMD, CheckStyle, Clover Code Coverage & Cruise Control, HP QC, Bugzilla, Zap, Jenkins, Sonar, svn, Git, CI / CD. |
| Others | * Websphere MQ Series 5.1, JBossMQ, JMS, Tibco Adapter, Oracle Financials (AR), D2K Forms4.5, Salesforce.com CRM, Apex Class / Trigger, Visualforce, Microsoft Dynamics CRM 4.0 & 2011(C#), Sugar CRM, Liferay Portal 6.1, Drupal CMS 7, DotNetNuke/C#, Wavemaker RAD 6.5, Android/ PhoneGap/Windows CE. Familiar with ML–python scikit-learn (Classification/Regression) |
| PM & CM Tool | * Agile / Scrum, Waterfall, CMMi 5 and ISO 20000. Visual Source Safe 6.0, Subversion, CVS (Version Control), Git/GitHub/GitLab, SourceTree, Microsoft Project. Function Point Analysis/ Use Case Point Analysis. |

**Key Projects**

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| Project | Freelance Solution and Technical Architect, Mumbai |
| Project Description | * Consultancy to Embedded Product Mfg Company. Company would like to have software development base for their DAC/microcontroller products.   Architecting, Solutioning and Proof of Technologies for IoT devices using AWS services such as aws IoT core, aws Firehose, aws Lambda, aws DynamoDb, aws S3, aws API Gateway, python, nodejs.   * Consultancy to Infogain for US client Proposal. Feasibility and Evaluation of various RAD Dev tools and initial queries related to proposed architecture. |

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| Project | Projects at **Capco** as Solution Architect (Onsite – Myanmar) |
| Technology | Backbase 6 Banking dev framework, Microservices Architecture, Event Driven framework, java 8, Spring Boot & Cloud, MySQL, JPA, Angular, GitLab, Visio, Draw.io, Native Mobile app, Camel, ActiveMQ, kubernetes/ Azure Cloud, Istio, Fuentd, ELK, Prometheus, Banking Domain |
| Project Description | * Requirement analysis, Technical solution and estimation for Yoma Bank’s Core Banking app (DB-Basics) and Admin Portal App (DB-Admin) * DB-Basics – Understanding Backbase’s Framework and Architecture, Out-of-Box components (Access Control, Audit, Limit, Approval, etc) and Custom Components, Primarily Cross cutting architectural concerns for Backbase microsevice framework, Design decisions, design for some epics. 100k users, 2.5k peak & 500 concurrent. * DB-Admin – Integration Architecture between DB-Basics and DB-Admin and future extendible architecture, Design decisions, 3 Sprint design, Team technical management |

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| Project | Projects at **Arrk Ltd** as Technical Architect |
| Technology | java , Spring Boot & Cloud, GCP and AWS, MySQL, PostgreSQL, JPA, JSF, Angular, MVC and Microservices, jBPM, .Net, Enterprise Architect, Solr, NodeJs, Liquibase, Git |
| Project Description | * Around 20 Pre-sales activities involving Requirement analysis, Technical solution and estimation for Camden – UK Govt projects, University of West England, East Succex County, KCOM Train Operating Company, Brooksons and many more. 5 Inception phases at onsite. * OKR Org KRA app on GCP - Design / microservices Architecture (Spring Boot, JHipster, Angular, GCP – App Engine, CloudSQL, Search), 10k users, 50 concurrent * C+D Medical Product Repository, UK – Revamp, performance improvements Solution, real time complex reports, (Spring MVC/Boot, microservice, Solr, AWS EC2/ Fargate, S3, Spring Batch/Storm-Kafka). 200k+ products, complex hierarchical data, 5k changes/mnth, 50k users, 100 concurrent * KCOM/ATOC Train Ticket Apportionment System, UK (Onsite deputation 8 months) – Design / microservice Architecture (Spring Boot, AWS Services,S3, SQS, AngularJS, Spring Batch, JBPM, Docker, Swagger). 19k/day SDCI files, 4 million Tickets/day, 2k files concurrent(400k Tx), 1.5-4GB AFMS file. * IOCS e-Signature Product, UK – Re-architecture /Code Re-factoring of the Product and Requirement Analysis & Design for Marsh project (Spring, SOAP WS, Drools, xml, eSign). * Camden Gov (Dustbin mgmt/Car Parking/Noise & License), UK – Design and Architecting (Spring, JSF, Liferay, Apache Camel). * IOPP Digital publishing product, UK - Technical support for issue resolutions (Spring MVC, Alfresco, Mule). * Org Activities, Tech Roadmaps, Conducted & Managed Full Stack developer training program (Python, Angular, MEAN stack) & other tech topics |

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| Project | Projects at **Infotronics** as Senior Manager & Technical Architect |
| Technology | Java, Wavemaker, Liferay, Java, PHP, Spring Core, Spring MVC, Hibernate, Struts, JAX-WS, EJB3.1, JPA2.1, Hibernate 4.2.14, MySQL 5.5 |
| Project Description | * Mainly responsible for Engineering and Technical operations, technical management and Presales initiatives for Infotronics and partner companies – Intivion Technologies and Millennium Technologies. * Design/Development/Enhancement/ Support for Forex Trading Platform Product based on Meta Trader 4, Microsoft Dynamics CRM 4 and Drupal CMS Portal (PHP). Replace MS Dynamics CRM in the existing product and Complete Customized Solutions based on Salesforce.com CRM (Java) and Sugar CRM (PHP) - Implementation and integration with MT4 Trading Platform & Portal. Other Projects : Society / Ward / City portal (Liferay, Java). Client – Server app for payment collection receipt (Android, PHP). * Subcontractor Management system for L&T Construction – Design / Development (Wavemaker 6.5, Spring, Hibernate). * Semiconductor Product and Company review/ comment/ feedback system for Marketing Co. (Drupal7), Immigration Service System for US Attorney (Struts, Hibernate), Healthcare Clinic Management System based on OpenEMR (PHP) and (SpringMVC/Hibernate), Fruit Ripening Parameter Monitoring System for Mahindra (Wavemaker 6.6, Spring, Hibernate). Multi-tenant framework (JAX-WS, EJB3.1, JPA2.1, Hibernate 4.2.14, MySQL 5.5, JBoss Developer Studio 7.1.1, JBoss AS 7.1.1) |

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| Project | Projects at **Tech Mahindra** as Technical Project Manager |
| Technology | Java/J2EE, EJB, SOAP, Struts, Multi-threading framework, Apache MINA framework, xml-bean binding (XMLBean), Xfire webservice, Spring framework, iBatis ORM, Jasper Report, Coldfusion MX8, VB 6.0, Websphere 7.0, Oracle 10g/9.2, DB2, MS SQL2008, Shell Script, PL/SQL, HP QC, IBM MQ, jsp EL & JSTL, IBM RAD 7, PMD/CheckStyle, JProfiler, PMAT, OpenSTA, JMeter, Weblogic 8.1.2, Weblogic Workshop, Sybase, Red Hat Linux, Sun Solaris, Tomcat Web Server, JUnit, Clover (Code Coverage Tool), Cruise Control (Continuous Integration), Agile-Scrum |
| Project Description | * FLOWDeskTop- Order Jeopardy Management for British Telecom, UK (Nov 2010 – Apr 2011) * Contract & Sales Gate applications for AT&T, USA (Nov 2007 – Aug 2010) * CIBNA Merger (C-ID & Billing Num to Products) and ECATS (Contract Admin Mgmt) DB migration projects for AT&T, USA (Oct 2008 – May 2009) * Global Computing Platform for Data Cleansing (SOAP Interfaces) for AT&T, USA (Jan 2008 – Mar2008) * Automated Testing Framework development for mBlox, Sweden (Sep 2006 – Aug 2007) * Presales and Proposal Team (Dec 2005 – Aug 2006) |

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| Project | Projects at **MoTech** as Technical Project Manager & Designer / Technical Architect |
| Technology | Java / J2EE, JSP, MoTech’s MVC framework, Websphere5.0, Websphere Studio 5.0, Oracle 9i, Optimizeit, Struts1.2 MVC, Agile-RUP, Rational Rose 2000, WEBLOGIC 6.1, SunOne WebServer Enterprise Edition 6.0 SP5, Jbuilder9.0, Informix Dynamic Server 9.21, TSubasha e-Reporting Suite, Rational Robot, ERwin, JAVA SCRIPT, VISUAL AGE for JAVA 3.0.2, DB2, OpenSTA, RFID, JMS and MQ |
| Project Description | * Customer Network Management System for Reliance Infocomm, India (Jun 2004 – Dec 2004) * Shipment Tracking System for Overseas Courier Service, Japan (Aug 2003 – May 2004) * Workload Estimation System for Nissan Motors Ltd, Japan (Aug 2002 – Apr 2003) * RFID and Warehouse Management, Solution (java/j2ee) : * WebAxess–Airline Reservation System for Jastec-Japan * Presales and Proposal |

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| Project | Projects at **Xoriant** as Technical Project Manager & Designer / Technical Architect |
| Technology | Java/J2EE/JSP, .Net, Oracle 8.x, SQL, Tomcat 5.0. JBoss 3.2.2/JbossMQ, OptimizeIT 6.0, Bugzilla, Struts, Oracle, Oracle Apps, Siebel, Microsoft ASP, MTS COM architecture, IIS, MS SQL |
| Project Description | * Applications for Xoriant US/India (May 2005 – Oct 2005), Work Flow and Content Upload for Raymond, India (Mar 2002 – Jun 2002) * Projectization for Xoriant Corp, USA (Sep 2001 – Feb 2002), Campaign Management System for Xoriant Corp, USA (Jul 2001 – Sep 2001) * Lead Management System for Xoriant Corp, USA (Jul 2001), MIS Applications (related to Assignment, Billing, Invoicing) Enhancements for Xoriant Corp, USA (Jan 2001 – Jun 2002) * eRMS, eTrgMIS, TimeSheet and Corporate Portal Development Suite (CPDS) for Xoriant, Mumbai (Oct 2000 – Dec 2000), Dinner Broker Site Proto - Hotel Booking System for Xoriant, USA (Sep 2000) * Xoriant’s Corporate Intranet for Xoriant, Bangalore (Jun 2000 – Aug 2000) |

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| Project | Projects at **ISRC, Otis** as Technical Project Lead / Manager / Architect |
| Technology | Microsoft ASP, MS SQL, IIS, Authorware, MS Access, VB, MTS COM and XML, JavaScript, VBScript |
| Project Description | * Sales Activity Management system for OTIS, Singapore, OTIS University Site for OTIS Elevators HQ – USA * Intranet Site for OTIS HQ – Singapore, Computer Based Training – Multimedia Titles for OTIS, Singapore & USA, Calibration System for Otis, India * Presales and Proposal |

**Overseas Experience**

* Long term and many short terms assignments for project work such as design/architect, requirement capturing, pre-sales activities in the Myanmar, UK, US, Singapore, Japan, Malaysia

**Education**

* B.Sc.Tech (Electronics) from Mumbai University, India (BE equivalent) – Ist Class, 1984 - 1987
* B.Sc. (Physics) from Mumbai University, India – Ist Class, 1982 - 1984