

JITENDRA KUMAR

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CAREER OBJECTIVE

Looking for a challenging career in Java software development. With an appetite to learn new technologies faster and use in solving the problems, looking for an environment to work where I can utilize my skills for the development of the organization and myself.

PROFILE SUMMARY

- Senior software Engineer with full software development lifecycle experience, including designing, developing and implementation.
- M.C.A from NIT Durgapur, with over 6 years of experience in Java, as a Senior Software Engineer.
- Deft in determining operational feasibility by evaluating, analyzing requirements and solutions.
- Holds knowledge of Core Java, Multithreading, Collections, Data Structure, Algorithms
- Worked on various software tools.
- Instrumental in preparing solutions by determining and designing system specifications and standards.

PROFESSIONAL EXPERIENCE

07/2016–Present **Senior Software Engineer, Appnomic Systems Pvt Ltd**, Bangalore

- Developing **Log Transaction Monitoring**. Which helps to capture transaction details from banking applications logs. Log files are a rich source of transaction data (request/response timestamps, payloads and application specific data like channel over which transactions are flowing or the type of transaction e.g. login, balance enquiry etc.) They also contain additional business error codes and HTTP response codes which can be used for business value extraction to examine whether a transaction failure was an IT or business failure (e.g. Insufficient funds in an ATM withdrawal).
- Worked on **ETL (Extract, Transform and Load)** application. This application receives data from **Log Transaction Monitoring** and filter transaction name, status, start time, end etc. from received data and send these data to TC (Transaction collector).
- Worked on **AppsOne**. This is a web-based tool developed to monitor and manage the performance of applications running on IT infrastructure. AppsOne monitors business transactions, as well as all layers of application infrastructure - web servers, application server, database, as well as storage. This helps in faster and more accurate identification of issues.

- Worked **Java Intrusive Monitoring (JIM)**. It is a component that employs intrusive monitoring of Java methods and tracks exceptions, errors and slowness in code execution. Method entries and exits can be monitored to extrapolate code execution paths which are slowing down or throwing exceptions, and can be traced back to business transaction flows. JIM deployed at the application's container/server and monitor real-time performance of java applications. It serves the following purposes:
 - Capture URL of the transaction, query parameters etc.
 - Find Name of the entry class that addresses this transaction.
 - Monitor EXITS of the application
 - Database calls - queries executed
 - Web-service calls - service calls to other systems to delegate processing or fetch data
 - Calls to other systems - like Message Queue's etc.

03/2015-07/2016 **Senior Software Engineer, Akademe, Bangalore**

- Developed transaction monitoring software to identify java methods, sql queries, methods execution time etc.
- Improving online education system and guiding students to their respective academic goal
- Created requirement and specification document, design, architecture and dependency model for akademe.

07/2012-03/2015 **Senior Software Engineer, Samsung R&D Institute India – Bangalore (SRI-B), Bangalore**

- Developed **Power and performance analysis for Android phones, PowerView, AutoSendMail** Tools.
- Gave new ideas to make tool more robust.
- Developed **FAPMT** in Java.
- Developed **Event Editor** for recording events in Java.
- Defect fixing.
- Study the Use cases (sleep, sms, mp3 etc. of mobile) and understanding the functionality of project.
- Coding, static analysis and unit testing of requirements.
- Requirement change analysis and implementation.
- Supported field integration of hardware and software for a new Mobility Manager unit.

SKILLS

Operating Systems: Windows XP/2000/NT, Linux

Languages: Core Java, Data Structure, Algorithms, javassist java lib

Software Tools: Java Maven, Idea IntelliJ, Eclipse, Monsoon Power Monitor.

Others: Requirements Analysis

PUBLICATIONS AND SELECTED PROJECTS

Published "Towards Forensic Readiness and Homogeneity of Operating System LOGs" (Research Paper Accepted at SEDE2012) paper.

EDUCATION

Class	Institute	Major and Specialization	Grade
MCA	National Institute of Technology, Durgapur (NIT,Durgapur)	Computer Science	8.45 CGPA
B.Sc.	B.R.Ambedkar Bihar University	Physics	71.5%
XII	Bihar Board	Science	82.7%
X	Bihar Board	Science	68%

PROFESSIONAL ACTIVITIES AND AWARDS

- General all India rank 414 in NIMCET-09
- Received Best Automation Tool Award in Samsung 2012.
- Cleared one of the test conducted by HQ South Korea.
- Received spot award in Samsung 2013.