Mohit Kumar Meena | Software Developer
IIT Madras

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SUMMARY

- Software Engineer offering 4+ years' experience in the IT industry with a focus on web and desktop application development.
- Extensive experience in designing, developing and implementing enterprise applications using JavaEE, Spring, Swing, Hibernate.
- Proficient in creating server-side components, designing & implementing Business Tier Objects, Unit Testing, debugging and deployment.
- Expertise in developing REST based Java web services.
- Experience in Database Design, Constraints, SQL queries etc.
- Experience in Investment Banking, Financial Services and Product Design.
- Ability to learn new technology quickly and seamlessly manage workload to meet the deadlines.
- Ability to work independently as well as in a team.

TECHNICAL SKILLS

- **Technologies:** JAVA, Spring, Swing, Hibernate, JPA, Restful, React, Python, Matlab, HTML, CSS, JavaScript, Wordpress
- **Development Tools:** Spring Tool Suit, Eclipse IDE, Apache Tomcat, Postman, Maven, Jenkins, GIT
- **Databases:** Microsoft SQL Server
- **Unit Testing & Code Coverage:** Junit, ECLEmma

EXPERIENCE

Software Developer | Divini Software – Chennai   June 2017 to November 2018

Project (Team of 4 members): Quantitative Analysis Regression Framework is a web-application used for regression testing which delivers comprehensive test coverage for digital portfolio. The application helps QA teams to automate manual, time consuming processes and solves the complexity of longer test lists in regression packs.

- Designed and implemented web-based application to manage and automate complicate business processes and work flows, using Java Restful web services that communicates with the SQL server database in the back-end and return Json format data to ReactJS framework, using Spring, Hibernate, JPA.
- Understood the requirement, documented the knowledge acquired during analysis phase.
- Built QA Dashboard web page with React and D3 library showing daily data quality analysis and key performance indicators (bar-graphs, pie-charts, heat-maps etc.), so that users can easily identify data quality patterns and trends, visualize data quality regions of concern, troubleshoot problems and determine appropriate tolerances.
- Designed and implemented drill-down capabilities on visual charts (bar-graphs, pie-charts, heat-maps etc.) by writing complex SQL scripts, so that users can isolate results and focus only on the results of interest.
- Developed SQL scripts to create database tables, constraints and created users, roles, and grant privileges to them by using Apache LDAP Authentication system and Spring configuration.
- Solved bottlenecks in slow performance of large data upload (> 1,00,000 records) by using Hibernate batch processing.
- Coordinated code reviews, created and maintained GIT branches during project development, conducted merge and used Maven for building and deploying the application to Tomcat Server.

Software Developer | Divini Software (Axioma) – Bangalore   April 2019 to Current

Project (Team of 6 members): Axioma Portfolio Optimizer – As a Java developer maintained J2EE application implemented with Spring, Swing. For active managers and firms, the application offers development and testing of new portfolio strategies, portfolio construction and optimization to remain competitive and push beyond the boundaries of many existing software tools that lack support for complex investment strategies and proprietary risk models. The application is used by Axioma Inc's businesses, partners, and participants on daily basis.

- Developed decision-making, problem-solving, and teamwork skills while working with international team.
- Maintained applications implemented in Java, Python and Matlab. Analyzed user requirements and developed new features.
- Transferred data from various sources (flat files, derby) to the application
- Experienced in production support, fixing production bugs and handle continuous enhancements requested from business users.
- Provided customer support to our clients of our strategies
- Gained experience working in fast paced and agile development environment with biweekly iteration.

EDUCATION

BTech, Engineering Design, IIT Madras, Chennai 600036
MTech, Automotive Engineering, IIT Madras, Chennai 600036

TRAINING

GyanData Private Limited, IIT Madras Research Park, Tharamani, Chennai 600113