Ranjith M

Senior Software Engineer

Cumming, GA, USA

SUMMARY

Skilled and experienced software engineer with around 14+ years of expertise in Object-Oriented Programming (OOP) and a wide range of technologies, including Java, Kotlin, J2EE, JavaScript, various app servers, and relational databases. Adept at full software development lifecycle management, specializing in secure web application development, server-side technologies (Spring, Hibernate/JPA, JMS, Struts), and frontend development using AngularJS, ReactJS, HTML and jQuery. Strong command of design patterns, service-oriented architecture(SOA), and tools like Docker, Git, IntelliJ IDEA, Eclipse etc.

SKILLS

Programming Languages: Java, Kotlin, JavaScript, SQL, Python(beginner), Golang (beginner)

Frameworks and Libraries: Spring Framework, Micronaut, JPA/Hibernate, JMS, JAXB, Lucene, Solr, Log4j, Logback, Slf4j, ReactJS

DB and App Servers: Oracle, MS SQL Server, MySQL, PostgreSQL, Weblogic, JBoss, Tomcat, Jetty

Tools and Apps: Maven, Gradle, Git, SVN, Docker, IntelliJ IDEA, Eclipse, VS Code

Methodologies: Agile, Scrum, OOP, Functional Programming, CI/CD, TDD (Test Driven Development)

Other: Linux (Basic proficiency in commands and shell script), XML, JSON

EXPERIENCE

US Bank   Atlanta, USA

Senior Software Engineer   *August 2018 − Present, Full-time*

- Designed and implemented end-to-end web applications using Java/Kotlin, Spring Framework with ReactJS in the UI layer, and Oracle Database in the backend, ensuring a seamless user experience and robust back-end functionality while following industry best practices, design patterns, and a Test-Driven Development (TDD) approach, for high-performance and scalability
- Triaged and resolved production issues to ensure optimal application performance and availability. Refactored and enhanced the existing codebase to improve efficiency and maintainability
- Implemented application security best practices, including user authentication, data encryption, and secure API integration, ensuring compliance with industry standards (e.g.,JWT)

Bridge2 Solutions (Acquired by Bakkt)   Atlanta, USA

Senior Software Engineer   *July 2015 − July 2018, Full-time*

- Collaborated in the technical design and implementation of Java/J2EE modules, ensuring alignment with project requirements using security best practices
- Developed web applications using Spring Boot, JPA/Hibernate, and ReactJS, focusing on performance, security and scalability. Involved in integrating with SSO systems using SAML authentication
- Conducted thorough unit testing using JUnit and participated in code reviews with tools like FindBugs and PMD to maintain code quality
- Oversaw the complete delivery cycle, including debugging, testing, and post-deployment support. Collaborated with cross-functional teams, providing technical mentorship and guidance

FannieMae (contracting through Mastech Inc)   Reston, USA

Senior Software Developer   *Dec 2014 − July 2015, Contractor*

- Involved in the development and support of Java/J2EE modules, ensuring effective implementation of business requirements and fixing defects

- Developed unit test suites using JUnit and performed code reviews with tools like FindBugs to ensure code quality
- Participated in Agile development processes, including daily scrums, sprint planning, and retrospective meetings
- Utilized EJB 2.1, Struts 1.2, and Weblogic 8.1 for application development in an Oracle 9i database environment

FedEx Inc (contracting through Syntel Inc) — Colorado Springs, USA
Senior Software Developer — *July 2013 − Dec 2014, Contractor*
- Developed efficient and well-written software modules using Java, J2EE, and related frameworks like Spring and Hibernate and also unit testing frameworks like JUnit
- Diagnosed and resolved complex application issues related to functionality, performance, and security by monitoring logs and other tools like JMeter
- Managed the full delivery lifecycle, including bug detection, testing, and final release
- Ensure seamless integration of front-end and back-end components, improving the overall system architecture

Walmart Inc (contracting through UST Global Inc) — Bentonville, USA
Senior Java Developer — *Dec 2012 − July 2013, Contractor*
- Design, develop, and maintain applications using Java, Spring Framework, Hibernate, and Tomcat web server while ensuring quality code and adhering to best practices
- Identify, troubleshoot, and resolve issues in existing applications, providing needed technical support
- Develop and optimize MySQL database queries and ORM tools like Hibernate

Equifax Inc (contracting through UST Global Inc) — Alpharetta, USA and Trivandrum, India
Java Developer — *Jun 2010 − Dec 2012, Contractor*
- Implemented and provided support for software web applications, deployed in Jetty web server, utilizing Core Java, Struts, JavaScript, and related technologies. Wrote unit test cases in JUnit4
- Debugged and resolved the performance and memory bottlenecks of the application using Eclipse Memory Analyzer, TPTP 4.6.2, Foglight, Hobbit

ADESA Inc (contracting through UST Global Inc) — Trivandrum, India
Software Engineer — *Dec 2008 − Jun 2010, Contractor*
- Developed and supported software modules with Java, JSF, Spring Framework, Hibernate, JPA etc. Enhanced search capabilities using Apache Lucene and Solr
- Write and execute unit tests to ensure the quality and performance of code

EDUCATION

Georgia Institute of Technology — Atlanta, USA
MS in Computer Science (Pursuing) — *Jan 2023 - In Progress*

University of Calicut — Calicut, India
Bachelor of Commerce — *June 1998 - May 2002*

CERTIFICATIONS AND TECHNICAL DIPLOMAS

DOEACC A'Level: Advanced Diploma in Computer Applications(Jul 2005)
SCJP 1.4: Sun Certified Java Programmer. (Nov 2007)