SUJIT TRIPATHY

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Lead Software Engineer

- More than 10 years of experience in core and enterprise java technologies as Developer, Senior and **Lead Engineering** roles.
- Experience on building scalable web applications from concept phase to production: developing and architecting stable REST APIs, knowledge on Service Oriented Architecture (SOA) and Micro services architecture, Object oriented programming concepts and database.
- Leading architecture and design of high impact projects that meet business needs with consideration of functionality, performance, scalability, and reliability.
- Delivering product in agile way with sprint cycle with coordination and collaboration across enterprise teams.

Technology Summary

Core Java 8, Design Patterns, J2EE, **Restful API Design**, **SOAP, Spring Core**, Spring MVC, Spring Data, **Spring Boot**, Apache Jersey, Hibernate/ORM, JPA, Javascript, HTML, CSS, **JUnit**, **Mockito**, Oracle, MySQL, Mongo DB, Jenkins, **Git**, GitHub, **Tomcat**, Linux, Java performance monitoring via AppDynamics, Splunk, Docker, Micro Services, Data Science fundamentals.

Professional Experience

COGNIZANT TECHNOLOGY SOLUTIONS - San Francisco, CA

Lead Java Developer, June 2017 to Present

Developed and deployed a new banking product across 2000 branches which helps customers to visualize, plan and achieve their financial goals in life.

Accomplishments:

- Part of the full software development life cycle, including design, development with coding standards, code reviews, build and release process, testing team support and production operations support.

- Architected data model with ERD, designed and developed REST APIs from backend in Spring Boot to support the front end Angular 4 application deployed in a large scale distributed environment.

- Developed backend functional logic in Spring and Java 8 with the Spring Data/Hibernate and Oracle as persistence layer.

- Delivered the project in Agile development methodology with spring cycle of 1 and 2 weeks.

- Define release road map and cycles, leading a team of five member development team and serve as a source of technical expertise and leadership to junior team members.

- Knowledge on enterprise software build and deployment process in a polyglot environments with a preference to Java/Linux/Open source stacks (Gradle, Maven, Jenkins, Git, GitHub etc..)

COGNIZANT TECHNOLOGY SOLUTIONS - Brea, CA

Lead Java Developer, Jan 2013 to May 2017

A *paperless/e-document* initiative, where different insurance systems (Claims, Policy and Billing) has been integrated with a new document management system, which helped the organization to save the cost in multi million dollars.

Accomplishments:

- Design and Developed document management systems integration with Insurance portals by using Java 8, SOAP and RESTful services and Spring framework (Core, MVC).

- Implemented a custom batch framework by utilizing Java 8 APIS and OOP design and SOLID principles and others for nightly batch jobs which improved production job resiliently, error handling process and efficiency in production.

- Performed performances and health analysis of the application from production, heap dump analysis, JVM thread pool monitoring, managing concurrent and thread locking issues, GC analysis.

- Developed appropriate metrics from production by using AppDynamics and Splunk to measure total system performance/health.

- Understands and leverages engineering best practices of technical deliverable.

- Mentoring junior and new team members.

TATA CONSULTANCY SERVICES - Jacksonville, FL
Senior Java Developer, Feb 2008 to Dec 2012
- Design and developed backend modules by using core design and integration patterns (such as MVC, Factory, Singleton etc.), JSP, JavaScript/jQuery, Spring Core, Hibernate.
- Understand the business requirement, design and develop functional modules, prepared unit test cases on payment module features of the new portal with Core java, Spring, JSP, Servlet, asynchronous messaging, XML, JSP, Oracle, Unix, Tomcat.

WIPRO TECHNOLOGIES - Hyderabad, India
Java Developer, July 2005 to Jan 2008
Develop, unit tested new business functionality by using Core Java, Servlet, JSP and Struts MVC framework, SOAP Web service component and JUnit. Prepared detailed design document of developed module.

Education & Credentials

KIIT UNIVERSITY - India
Bachelor in Computer Science and Engineering

Certifications and Training:
- Oracle Certified Java SE Programmer
- M101J: MongoDB for Java Developers
- Big Data Hadoop Foundations (IBM)
- Introduction to Apache Spark (eDX)
- Introduction to Data Science in Python (Coursera)
- Data Science Prep Course with Capstone project at Thinkful
- Learn Spring Boot - Rapid Spring Application Development (Udemy)
- Credit Cards Operations (IIBF)