Satya Sai
Java Full Stack Developer

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Personal Profile

An experienced **Software Engineer** targeting assignments in **Java Full Stack Development**, preferably in **Hyderabad, Chennai & Bangalore**

Core Competencies

- Solution Installation & Configuration
- Application Deployment
- Project Management
- Application Maintenance & Troubleshooting
- Requirements & Procedures Design
- Performance Testing
- System Maintenance & Evolution
- Production System, Architecture & Design

Education

B.Tech. in Computer Science Engineering from JNTU, Kakinada University in the 2019

Personal Details

Date of Birth: 4th August 1996
Languages Known: Telegu &English
Address: Kothapeta-523281, Andhra Pradesh

Profile Summary

- A competent software engineer having an experience of **4 years** in **Analysis, Design**, **Development & Deployment** of Software Applications
- Competent **Java Full Stack Developer** with proficiency in developing both Monolithic and Micro Based Applications
- In-depth knowledge of Java/J2EE technologies like **Java, Spring, Spring Boot, RESTful Services, Design Patterns, and Microservices**
- Experience in **DevOps Practices**, **Cloud Infrastructure Management through AWS**, **Apache Kafka for Process Streaming of Data**, Software Development Methodologies such as **Agile and Waterfall**, **Jenkins for CI/CD, JIRA for Project Management**, Code Review using **SonarQube**, databases such as MySQL & H2 databases along with **Software Lifecycle Testing Methodologies** and **Bug Life Cycle**
- Worked with stakeholders across the organization to gather requirements for new systems and reports specially for industries related to **Finance and Human Health Services**
- I have strong experience on coding in java.

Technical Skills

- Programming Languages: Java
- Frameworks: Spring, Spring Boot, Hibernate (ORM), Microservices
- UI: HTML5, CSS3, Bootstrap, JavaScript, React JS, Hooks, Redux
- Web Services: RESTful Web Services
- Project Management Tools: JIRA
- Web Server: Tomcat
- Tools: LOG4J, Splunk, Redis Cache
- Build Tools: Maven
- Database: MYSQL
- Database Tools: MySQL Workbench
- IDES: Eclipse, STS, VS Code
- Operating Systems: Windows, Linux
- DevOps Tools: Git, Maven, SonarQube, Jenkins, Docker, Kubernetes
- AWS Services: EC2, EBS, Route53, RDS, ECS, EKS,S3 Bucket

Work Experience

Jan' 22 – Mar '23 | Software Engineer | Birla Soft, Hyderabad
Roles & Responsibilities:

- Worked with stakeholders across the organization to gather requirements for new systems and reports
- Communicated with the clients to obtain an understanding of the environment, challenges, escalation processes and apply that information to support the smooth transition
- Developed software solutions by analyzing information needs, conferring with users, studying systems flow, data usage, and work processes
- Managed the maintenance of program modules including operational support, problem resolution, production support, preventative and corrective maintenance and enhancements
- Partook in the team's Agile Software Development process; developed unit tests and functional/ integration tests; supported production deployments of developed solutions
- Managed the development & integration of various modules within the framework

July' 19 – Jan' 22 | Software Engineer | Pulse byte Software Consulting Pvt., Ltd., Hyderabad
Roles & Responsibilities:

- Collaborated with organization-wide stakeholders to gather requirements for new systems and reporting

- Interacted with the customers to learn about the situation, difficulties, and escalation procedures, then used that knowledge to help the transition go smoothly
- Managed the maintenance of program modules, including operational support, problem resolution, production support, preventative and corrective maintenance, and enhancements
- Developed software solutions by analyzing information needs, consulting with users, studying systems flow, data usage, and work processes
- Contributed to the Agile Software Development approach used by the team; created unit tests and functional/ integration tests; supported the deployment of generated solutions in production
- Supervised the creation and integration of several frameworks
- I have strong experience on coding in core java

Projects Undertaken

Health Insurance System

Tools Used: Java, Spring, Spring Boot, Hibernate, Web Services, RESTful Services, MySQL, HTML, CSS3, JavaScript, JS React Hooks, Redux
Description:
The project's goal is to set up an entirely integrated Health Insurance Exchange and Integrated Eligibility System for residents of the state of Kentucky. The insurance plans provided to the citizens as part of the application are SNAP, CCAP, Medicaid, Medicare, QHP, KTW.
Key Result Areas:
- Participated in the project's requirements collection, analysis, design, and development
- Contributed in the creation of Web Forms, Java classes that integrate N-Tier Architecture and Database Connectivity and developed Web Forms using JavaScript, HTML, CSS, Bootstrap and React JS
- Created Component Classes utilizing MVC patterns
- Developed Persistent layer using the Hibernate framework
- Developed batch jobs to handle daily client notices
- Made server controls with the help of the Spring Controller Classes
- Sent asynchronous requests to the server using AJAX
- Participation in SonarQube code review
- Undertook integration and unit testing
- I have strong experience on coding in core java
- Supported SIT and UAT phases for repairing faults

Card Rewards Redemption

Tools Used: Java, Spring, Spring Boot, Hibernate, Web Services, RESTful Services, MySQL
Description:
The primary goal of the CRR initiative is to allow customers to pay for card transactions using reward points. The bank will produce reward points based on card usage, and one can use these reward points to settle one's credit card balance in full. Redeemable transactions are those that fall under the stated business standards.

Key Result Areas:
- Deployed Spring and Hibernate to create Controller Classes
- Implemented Service Classes and the DAO interface using Spring Dao and JPA Repository
- Used Spring IOC's object creation and injection technique
- Made a JSON request and checked the outcome using Postman Interceptor and Swagger UI
- Created Microservices with Spring Boot and RESTful Services with Rest Template
- Designed and created RESTful APIs as needed for various project modules
- Conducted unit testing and problem-solving through debugging tool Log4j
- Used GIT as a version control system and a code repository
- Employed Jenkins pipelines to deploy the applications
- Fixed the bugs that the module's testers assigned