DIVYAMSHU REDDY MANDADI

FULL-STACK DEVELOPER

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SUMMARY

- Experienced Full Stack Developer with 3 years of hands-on expertise in developing and maintaining robust Java applications.
- Proficient in software development methodologies, including Agile (SCRUM) and Waterfall, adapting as needed to deliver high-quality software.
- Experienced in using a wide range of frameworks and libraries, including Spring MVC, Struts, Hibernate, Spring Boot, JSF Framework, Microservices, Node JS, Spring Security, React JS, and Angular, facilitating the development of scalable and efficient applications.
- Skilled in Java 2 Platform, Enterprise Edition (J2EE) technologies for building web applications, including Servlets, JSP, JavaBeans, Web Services-SOAP, Rest API, and JDBC.
- Strong command of web technologies for creating responsive and interactive web applications, including HTML5, CSS3, JavaScript, JSTL, Bootstrap, jQuery, Ajax, JSON, Typescript, and XML.
- Having good knowledge of NoSQL like MongoDB and DynamoDB for CRUD operations.
- Orchestrated containerized applications with AWS Elastic Container Service (ECS) and Kubernetes using Elastic Kubernetes Service (EKS) and EC2, S3 tools & Google Cloud Platform (GCP).

SKILLS

Programming Languages:	Java (Core & Advanced), and SQL
Web Technologies:	HTML5, CSS3, JavaScript, Typescript, Ajax, JSON, JSP, JSTL, XML, and REST APIs
Web Frameworks / Libraries:	Spring Boot, Vue, React, Angular, Hibernate, Node.js, Tailwind CSS, and Bootstrap
Databases:	MongoDB, MySQL, SQL Server, PostgreSQL, Elasticsearch, Firebase, and Redis
Architectural Frameworks:	Model View Controller (MVC), and Microservices Architecture
Environments:	Scrum, Agile, Waterfall, Windows, Linux, and Mac OS
Cloud Technology:	Google Cloud Platform (GCP), Digital Ocean Droplets, and Amazon Web Services (AWS)
Version Control and IDEs:	Jira, Git, GitHub, VS Code, NetBeans, Eclipse, PyCharm, and IntelliJ
Other Tools/ Technologies:	Maven, Jenkins, Docker, Kubernetes, Terraform, Gradle, JUnit, JDBC, and Apache Tomcat

EXPERIENCE

Freddie Mac, USA   **| Aug 2023 – Current**
Role: Java Full Stack Developer
Responsibilities:

- Developed and deployed highly scalable financial apps using Java and Spring Boot, resulting in a 20% increase in transaction volume and a 10% reduction in average transaction processing time.
- Led the migration of legacy financial systems to modern cloud-based solutions on AWS, reducing operational costs by 18% and improving system reliability by 20%, measured by a 99.9% SLA.
- Implemented robust transaction processing systems with MongoDB & MySQL, incorporating multi-factor authentication and real-time fraud detection mechanisms, leading to a 25% reduction in fraud incidents and a 99.99% uptime guarantee.
- Optimized database queries for financial reports using SQL and Spring Data JPA, achieving a 30% improvement in report generation speed and enabling faster data-driven decision-making.
- Created web pages using JSP (Java Server Pages) to enhance user interface functionality and responsiveness, and implemented servlets to handle requests and responses, improving application performance and scalability.
- Designed and deployed interactive and user-friendly dashboards using HTML5, CSS3, and Angular, resulting in a 15% increase in user engagement and a 90% user satisfaction rating.
- Implemented communication with backend APIs using Angular HttpClient to fetch and display real-time financial data on the frontend, ensuring data consistency and responsiveness.
- Conducted thorough code reviews to ensure code quality, adherence to best practices, and maintainability.

HHN Foundation, INDIA   **| Mar 2020 – Jan 2022**
  Role: Java Developer
  Responsibilities:

- Developed web apps using Java that establish donation funnels and manage volunteers, achieving an increase in user engagement by delivering high-quality, scalable solutions.
- Implemented responsive UI designs with HTML5, CSS3, JavaScript and React, enhancing user experience with modern, intuitive interfaces.
- Constructed RESTful APIs with Spring Boot and Node.JS, improving system integration and reducing response times through efficient backend services.
- Developed Single Page Apps using Angular to create dynamic and user-friendly web interfaces with improved performance and reduced page load times.
- Enhanced database performance for MongoDB, MySQL & Redis, reducing query execution time and increasing app responsiveness.
- Deployed apps on GCP and AWS, increasing scalability and reducing downtime, ensuring continuous availability.
- Led teams to ensure on-time project delivery and improved productivity through effective project management and cross-functional collaboration.

Bytes Soft Solution, INDIA   **| May 2019 – Feb 2020**
  Role: Full Stack Developer Associate
  Responsibilities:

- Assisted Sr. developers in implementing new features & functionalities in existing Java apps, focusing on specific modules assigned.
- Designed microservices architecture and MVC frameworks, which improved system flexibility, scalability, and ease of maintenance.
- Automated deployment pipelines using Jenkins, reducing manual deployment efforts, ensuring consistent, reliable app updates.
- Analyzed and debug reported bugs, identifying root causes and providing solutions.
- Interacted with databases using JDBC / Spring Data JPA to perform CRUD operations (create, read, update, delete).
- Maintained comprehensive documentation for all projects, ensuring knowledge transfer, easier maintenance, and facilitating onboarding of new team members.

EDUCATION

- **Master of Science in Software Engineering**   **Dec 2023**
  Stevens Institute of Technology, NJ, USA
- **Bachelor of Technology in Computer Science & Engineering**   **May 2019**
  Osmania University, India