Vandit Tejas Popat
Software Engineer
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SUMMARY

Software Engineer with 4+ years of experience in developing high-performance applications using Java, Spring Boot, and React.js. Proficient in designing scalable micro services architectures and deploying solutions on AWS cloud infrastructure. Adept at implementing agile methodologies and collaborating with cross-functional teams to deliver projects on time and within scope. Strong problem-solving skills, with a focus on writing clean, efficient code and optimizing system performance.

SKILLS

Methodologies: SDLC, Agile, Waterfall
Programming Languages: Java, C, C#, C++, Python
Web Technologies: HTML, CSS, JavaScript, TypeScript, React.JS, Node.JS, Express.JS, Angular, GraphQL, Next.JS, Redux, jQuery, JSON
Java/J2EE Technologies: Servlets, JSP, JDBC, Struts2.
Spring Frameworks: Spring Boot, Spring MVC, Spring Batch, Spring Data JPA, Spring Cloud, Spring Security, Hibernate
Messaging Services: Apache Kafka
Databases: Oracle, MySQL, PostgreSQL, SQL Server, MongoDB
CI/CD Tools: Jenkins
Cont. & Orch. Technologies: Docker, Kubernetes.
Cloud Providers: AWS (EC2, EMR, EKR, S3, ELK Stack, Lambda, CloudWatch), Azure, GCP
Web Servers: WebSphere, WebLogic, Apache Tomcat
IDE(s) & Build Tools: Eclipse, Spring Tool Suite (STS), Visual Studio Code, IntelliJ, Maven, Gradle
Testing Tools: Junit, Jasmine, Mockito, Splunk, Selenium, Cucumber, Log 4j2
Version Controls & Others: Git, GitHub, Bitbucket, Jira, Figma, Bootstrap, OOP, Postman
Operating System: Windows, Linux

EDUCATION

Master of Science in Computer Science | New Jersey Institute Of Technology, Newark, NJ
Bachelor of Technology in Information Technology | KJ Somaiya College of Engineering, Mumbai, India

CERTIFICATION

AWS Certified Cloud Practitioner certification

EXPERIENCE

McKesson, USA | Software Engineer   **Aug 2023 - Current**
- Followed Agile methodology, contributing to iterative development, daily stand-ups, and sprint planning for continuous improvement.
- Developed dynamic user interfaces using React.js with Redux for efficient state management and integration with RESTful web services.
- Performed asynchronous testing with Mocha and Chai on Node.js and browser environments to ensure application reliability.
- Led the migration from Action Servlets and JSPs to Struts framework, overseeing a smooth transition with minimal impact on existing functionality.
- Developed front-end components with Spring MVC framework, leveraging JSP, JSTL, HTML5, CSS, JavaScript, jQuery, AJAX, and AngularJS for a responsive user experience.
- Utilized SQL to design tables and execute complex queries in Oracle Database to support various business requirements.
- Deployed Spring Boot-based microservices in Docker containers on Amazon ECS, enhancing scalability and system reliability.
- Automated CI/CD pipelines using Jenkins, cutting down deployment times by 60%.

Vistaar Private Ltd., Mumbai, India | Software Engineer   **July 2021 - July 2022**
- Utilized multithreading in Java to optimize real-time data processing for a customizable analytics dashboard, reducing data retrieval latency by 40% and enhancing user interaction for external clients.
- Incorporated drill-down and drill-through capabilities for deeper analysis and exploration while utilizing graphs, heatmaps, and other visual elements resulting in 35% improvement in data comprehension and user interaction.
- Automated inventory tracking and replenishment, resulting in over 60% reduction in manual data entry and associated errors.
- Developed RESTful APIs using Spring REST to enable communication between the front-end and back-end systems.
- Drove migration of the solution from Oracle SQL to MariaDB resulting in 25% cost reduction to the company.

Nevina Infotech Ptv Ltd, India | Software Engineer   **Aug 2019 - June 2021**
- Participated in all SDLC phases, following the Waterfall model for end-to-end application delivery.
- Specialized in Microservices architecture using Spring Framework, Hibernate, and RESTful web services for scalable design.
- Developed RESTful APIs in Node.js with Express.js, handling CRUD operations, request validation, and error management.
- Built responsive web pages using HTML5, CSS3, jQuery, JavaScript, and worked with Angular and React.js frameworks.
- Improved application reliability by 20% through unit and integration test coverage, reducing bug-related incidents.
- Utilized jQuery, React, Bootstrap, JSON, AJAX, and DOM scripting to create interactive features with secure validations.
- Implemented Kafka consumers in Java to handle events from Kafka topics for an event-driven architecture.
- Managed deployments using Kubernetes Services for service discovery, load balancing, and client request handling.
- Led the migration of a legacy system to AWS, resulting in 50% cost savings and 40% faster deployment cycles.
- Developed database interaction code and used JDBC API to connect and perform operations with MySQL.