Chandan Tiwari

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Summary

Seasoned Software Developer with nearly 5 years of expertise in designing and implementing highly available, scalable and robust solutions for large enterprises. Proficient in Java, Spring Boot, Hibernate, and AWS, with a focus on Forex, Banking, and Stock domains. Skilled in developing applications in SOA and Microservices architecture, leveraging technologies like Docker, Kubernetes, and CI/CD for optimal integration and deployment. Adept at utilizing databases including MySQL, MongoDB, and Oracle to support robust backend infrastructures. Skilled in harnessing AWS cloud infrastructure to engineer resilient, scalable solutions tailored to the requirements of contemporary business landscapes.

Technical Skills

- Programming Language: Java
- Technologies & Tools: J2EE, Spring Framework, Spring boot, Microservices, Hibernate, Quarkus, Kafka, Webservices REST and SOAP, Caching, Elasticsearch, Logstash, Kibana, Maven, Gitlab
- Databases: MySQL, MongoDB, Oracle
- Dev-ops: CI/CD, Git, Bamboo, Jenkin, Docker, Kubernetes
- Cloud Exposure: Amazon Web Services

Education

Shri Sant Gadge Baba College of Engineering & Technologies, Bhusawal, MH
BACHELOR OF ENGINEERING – 2017

Experience

IG Infotech |Bengaluru, India | www.ig.com
Software Developer | Feb 2022 – CURRENT

Roles and Responsibility:
- Spearheaded contributions across the entire software development lifecycle, encompassing requirements gathering, design, implementation, testing, deployment, and maintenance.
- Collaborated closely with Business Analysts and Application Architects to understand and align with functional requirements, ensuring adherence to architecture standards and best practices.
- Developed robust APIs using Spring Boot framework to facilitate seamless integration and perform CRUD operations on incoming events from SnP services.
- Architected and maintained Entity, DTO (Data Transfer Object), DAO (Data Access Object), and repository layers using Spring Data JPA, facilitating efficient interaction with Oracle databases.
- Demonstrated deep comprehension of Corporate Action domain intricacies, leveraging Java and Spring Boot to translate core business requirements into scalable software solutions.
- Engineered real-time data ingestion mechanisms via Kafka to capture client positions and efficiently process Corporate Action events, enhancing system responsiveness and reliability.
- Independently engineered a CI/CD pipeline using GitLab, automating the deployment process and ensuring continuous integration of code changes.
- Managed AWS cloud infrastructure to ensure high availability, scalability, and cost-efficiency of deployed applications, leveraging various AWS services and resources.
- Conducted thorough performance analysis using AppDynamics, implementing performance tuning strategies to optimize system response times and meet predefined benchmarks.
- Successfully executed migration of on-premises applications to AWS cloud infrastructure, adhering to best practices and minimizing downtime during the transition process.
- Developed comprehensive component and behavioral test cases using BDD methodology with Cucumber, ensuring thorough test coverage and adherence to functional requirements.
- Solely responsible for deploying new features to the production environment, ensuring seamless integration and minimal disruption to ongoing operations.
- Provided timely and effective troubleshooting and resolution of reported issues from the operations team, ensuring minimal downtime and disruption to business operations.

Reverie Language Technologies |Bengaluru, India | https://reverieinc.com/
Software Developer | Feb 2020 – Dec 2021

Roles and Responsibility:
- Contributed to meetings for comprehensive understanding of application requirements and proposed innovative solutions.
- Implemented single sign-on (SSO) mechanisms for secure authentication and authorization, enhancing application security and user experience.
- Ensured fault tolerance and resilience of microservices by implementing circuit breakers and retry mechanisms.
- Implemented service discovery and load balancing using tools like Eureka and Ribbon.
- Monitored and troubleshoot microservices performance using tools like Prometheus and Grafana.
- Collaborate with cross-functional teams to prioritize tasks and meet project deadlines.
- Optimized database performance and resolved operational issues promptly.
- Designed and developed RESTful web services, ensuring scalability and performance for enterprise products.
- Developed microservices tailored to meet diverse customer needs, ensuring adherence to quality standards.
- Led migration of monolithic app to microservices architecture using Spring Boot and 12-factor app methodology.
- Conducted performance tuning activities to optimize end-to-end customer experience.
- Identified and implemented program modifications to enhance system performance and maintainability.
- Applied reactive programming principles with RxJava and Vert.x to address business challenges.
- Implemented centralized configuration management with Spring Config Server and logging with ELK stack.
- Utilized Docker and Kubernetes for efficient app containerization and orchestration.
- Conducted code reviews to maintain coding standards and rectify errors.
- Integrated Kafka for seamless event-driven message processing.

Relevance Lab Pvt Ltd |Bengaluru, India | https://reverieinc.com/
Software Developer | Sep 2019 – Jan 2020

Roles and Responsibility:
- Developed Java application modules and utility classes, maintaining coding standards.
- Designed JSP pages and implemented RESTful web services using JAX-RS.
- Proficient in SQL and PL/SQL for efficient database object development.
- Optimize application performance through code refactoring, performance tuning, and profiling.
- Identified and resolved production and non-production issues promptly.
- Collaborated with QA team for thorough testing and bug resolution.
- Developed and executed unit test cases using JUnit and Mockito frameworks.
- Follow agile development methodologies such as Scrum to plan and execute software development projects.

MITR Learning and Media Pvt Ltd | Mumbai, India | www.mitrmedia.com
Software Developer | Jan 2018 – Jun 2018

Roles and Responsibility:
- Assist in developing web applications alongside senior developers.
- Create and maintain front-end components using HTML, CSS, and JavaScript.
- Conduct testing and bug fixing.
- Participate in code reviews to learn best practices and improve coding skills.
- Documented technical designs, architecture, and implementation details for future reference.
- Assist in the deployment of web applications to staging and production environments.

Personal Details:

Date of Birth: 05 | March | 1987
Hobbies: Listening Music, Yoga, Current Geopolitical Afffair
Marital Status: Married
Languages: English, Hindi, Marathi