Maitri Dodiya Software Engineer

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PROFESSIONAL SUMMARY

Software Engineer with over 2 years of hands-on experience in designing, developing, and maintaining high-performance applications. Proficient in modern Java frameworks, Agile methodologies, and collaborating with cross-functional teams to drive projects to completion. Demonstrated ability to troubleshoot complex issues, optimize code for efficiency, and deliver user-centric solutions.

EXPERIENCE

Software Engineer, Deloitte, USA   **Feb/2023 - present**

- Designed and developed robust Java applications utilizing Spring Boot, MVC, Hibernate, leading to a 30% improvement in response times.
- Integrated OAuth 2.0 with AWS for secure third-party authorization, facilitating seamless sign-ins for 10,000+ users.
- Provisioned and managed AWS EC2 instances to host Java applications, ensuring optimal performance and uptime with auto-scaling solutions to reduce downtime during traffic spikes.
- Utilized AWS ElastiCache to enhance application performance through caching mechanisms.
- Containerized Java applications using Docker, enhancing portability and ensuring consistent environments, reducing deployment time by 40%.

Java Developer, Infosys, India   **Jul/2020 - Jul/2021**

- Developed 10+ RESTful APIs, facilitating data exchange and supporting over 100,000 daily API calls.
- Set up Jenkins CI/CD pipelines for automated builds and deployments, reducing manual intervention by 80% and increasing deployment frequency.
- Managed and optimized AWS resources, leading to a 20% cost reduction in monthly cloud expenses.
- Implemented monitoring and alerting using AWS CloudWatch, ensuring 99.95% application uptime and rapid issue resolution.
- Leveraged Mockito for effective mocking during testing, isolating units of code and simulating real-world scenarios, leading to a 30% reduction in testing time.

Software Engineer, Tribit Infotech, India   **Jan/2020 - Jun/2020**

- Profiled and optimized Java applications, achieving a 25% improvement in application speed and responsiveness.
- Integrated third-party APIs, expanding application features and enhancing user experience, leading to a 15% increase in user engagement.
- Implemented caching mechanisms using Redis, reducing database load by 40% and improving data retrieval times.
- Collaborated with the QA team to integrate automated tests into the CI/CD process, catching 95% of bugs before production deployment.
- Developed and executed 200+ unit tests using JUnit, ensuring code reliability and achieving a 95% code coverage rate.

SKILLS

Languages & Framework: Java, C++, Python, Android, Spring Boot, MVC, Hibernate, Servlet, Struts, JUnit, Mockito
Databases: MS SQL Server, MySQL, PostgreSQL, MongoDB, Cassandra, Redis
Others: Maven, GitHub, Docker, Kubernetes, Jenkins, RESTful APIs, SOAP, AWS (EC2, RDS, S3, Lambda, ElastiCache, CloudWatch, IAM, EKS), JWT, OAuth 2.0, CI/CD, Jenkins, JPA, ML, AI, NLP, Pandas, TensorFlow

EDUCATION

Master of Science, Computer Science   **Aug 2021 – Dec 2022**
Arizona State University, USA

Bachelor of Technology, Electrical Engineering   **Aug 2017 – May 2021**
National Institute of Technology