SHANMUKH GORLE
SENIOR SOFTWARE DEVELOPER

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SUMMARY

Senior Software Developer with approximately 6 years of experience designing scalable, high-performance web applications in the different domains. Contributed to all stages of development and successfully led a team to launch an application with 99.8% uptime. Committed to continuous learning and driving innovation in software development.

SKILLS

Languages: Java, JavaScript, TypeScript, Python
Databases: MongoDB, SQL, Postgres
Version Control & Tools: Git, GitLab, GitHub, Bitbucket
CI/CD & IaaS: GitHub Actions, Terraform
Testing & Automation: Python Selenium, Junit, WebDriverIO
Cloud Platforms: Amazon AWS, Microsoft Azure
Web Development: Spring Boot, Angular 7, React, Express, NodeJS, JSP, Spring MVC
Key Skills: Full-Stack Development, Application Resilience, Java Programming & Frameworks, MEAN/MERN Stack, Testing, Code Review, Agile Methodology, Infrastructure Automation, Disaster Recovery

EXPERIENCE

Senior Software Engineer   January 2024 – Present
Cognizant   *Fort Worth, TX*

- Led a 13-member team to successfully develop and launch a trip trading application for a leading airline, achieving a seamless go-live with 99.8% uptime.
- Managed end-to-end production deployments, quickly triaging and resolving issues to maintain operational stability.
- Collaborated with clients and cross-functional teams to define complex requirements, translate them into actionable user stories, and ensure efficient project execution with high client satisfaction.
- Optimized application architecture, enhancing performance, scalability, and maintainability to meet evolving business needs.
- Conducted code reviews and audits, integrated SonarQube scans with quality gates, and ensured adherence to coding standards while maintaining 88% code coverage to deliver high-quality, maintainable code.
- Streamlined workflows by developing Python scripts to extract and prepare data for testing and analysis, improving team efficiency.
- Integrated Mezmo for centralized log management and implemented the Circuit Breaker pattern to improve system reliability and fault tolerance.
- Automated application infrastructure provisioning and Mezmo-based log management workflows using Terraform while developing and maintaining disaster recovery scripts to ensure system resilience and operational continuity.
- Spearheaded the implementation of automated testing frameworks using WebDriverIO and Sauce Labs, increasing test coverage and fostering collaboration between development and QA teams.

Java Application Developer (Research Assistant)   October 2022 – December 2023
North Carolina Research Center (UNCC)   *Kannapolis, NC*

- Led the migration project, transitioning the application from Spring to Spring Boot, resulting in a 30% reduction in configuration effort and a 20% increase in developer productivity.
- Increased performance by reducing the search time of an application by over 15%, streamlining the process of uploading mass spectrometry for effective searching and comparison with an existing chemical compound database.

Member of Technical Staff - 1   November 2021 – June 2022
Athenahealth   *India*
- Contributed to the development of a Healthcare Payment Application that facilitated payment processing between US hospitals and insurance companies, achieving more than 90% code test coverage.
- Led a team of 4 developers using agile practices, organizing Scrum events at release and sprint level, and achieved a sprint success rate of over 95%. Efficiently managed backlog creation, prioritized sprint items, and facilitated seamless communication between product owners and developers for effective story assignments.
- Acted as an integral part of the on-call rotation team, ensuring 24/7 availability to promptly address any production issues

Programmer Analyst   May 2019 – November 2021
Cognizant   *India*
- Developed a flight management application for pilots maintaining code test coverage exceeding 95%. Automated infrastructure creation using Terraform. Contributed to documentation, conducted reviews, performed analysis, and resolved issues.
- Played an active role in defect triage sessions, aiding in identifying and prioritizing critical issues and swiftly resolved critical defects, ensuring timely fixes.
- Mentored and trained 3 junior developers, promoting collaboration and maintaining high code standards.

AWARDS AND RECOGNITION

2021 - Attained the designation of Environment Champion through adeptly tackling resolving and documenting challenges within development environments and consistently maintaining less than 5% downtime during sprints.

2020 - Received the Cognizant Cheers Gold award for playing a critical role, showcasing exceptional ownership and leadership qualities, and a silver award for working as one.

EDUCATION

Master of Science in Computer Science, Univ of North Carolina, Charlotte   August 2022 - December 2023
Concentration: Software, Systems & Networks   GPA: 4/4

Bachelor of Technology in Computer Science & Engineering, KIIT, India   May 2015 - May 2019