Vraj Shah

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Professional Summary

Passionate and adaptable Software Developer with 2 years of experience delivering scalable mobile and SaaS solutions. Proficient in backend development with expertise in Java, Kotlin, Spring Boot, and cloud-native technologies. Adept at designing fault-tolerant backend systems, optimizing performance, and integrating APIs. Strong communicator and enthusiastic learner, ready to contribute and grow in a collaborative engineering environment.

Education

Dalhousie University   **Jan 2024 - Sep 2025**
*Master of Applied Computer Science — **GPA: 4.07/4.3***   *Halifax, Canada*

Charusat University   **Jun 2018 - Apr 2022**
*Bachelor of Computer Engineering — **GPA: 8.7/10***   *Gujarat, India*

Work Experience

Simform Solutions   **Dec 2021 - Nov 2023**
Software Engineer   *Ahmedabad, India*

- Designed and implemented complete software solutions from initial idea to production release, delivering customer-facing mobile and SaaS applications achieving a 40% performance boost through optimized code structures and automation strategies while adhering to SDLC principles.
- Collaborated closely with cross-functional teams including backend engineers, designers, and QA to deliver high-quality mobile solutions aligned with customer needs, and delivered features on time by applying continuous iteration, code reviews and test-driven development strategies.
- Contributed to system design and architectural discussions, proposing and implementing scalable and fault-tolerant backend services using Spring Boot and Kotlin, optimizing system efficiency by 40% and utilized Python scripting to automate diagnostic procedures, enhancing the efficiency of the debugging process and reducing manual intervention.
- Assisted in debugging and troubleshooting both backend and frontend systems, implementing comprehensive test procedures to ensure high system availability and performance, reducing deployment failures by 25%.
- Led code reviews, promoted best coding practices, and encouraged knowledge sharing to foster a culture of continuous improvement, reducing technical debt by 40%.

Projects

K8s Microservices | *Source Code*   **Spring Boot (Kotlin) | Kubernetes | Docker | CloudBuild**

- Designed and implemented a Kubernetes-based microservices architecture, ensuring high availability of services with proactive monitoring and troubleshooting to maintain stability, aligning with DevOps best practices.
- Configured automating deployments thorough Docker containers and utilized CloudBuild for CI/CD pipelines, reducing configuration time by 30% and streamlining release processes.

ServiceHub | *Source Code*   **ReactJS | Spring Boot (JAVA) | MySQL**

- Developed a scalable web application connecting service providers and requesters, achieving a 20% increase in user engagement through secure and scalable contract management system and streamlined service workflows.
- Architected a robust backend using Spring Boot, optimizing data workflows with MySQL achieving 99.9% uptime while facilitating real-time interactions and caching strategies to enhance application performance by 30%

Technical Skills

Programming: Java, Kotlin, Swift, Python, Go, C++, TypeScript (learning), Haskell (interest)

Backend Technologies: Spring Boot (Java/Kotlin), Node.js, RESTful APIs, Redis, ElasticSearch

Cloud & DevOps: AWS, Google Cloud Platform (GCP), Docker, Kubernetes, CloudBuild, CI/CD Pipelines

Databases: MySQL, MongoDB, DynamoDB, Redis

Frontend Technologies: ReactJS, HTML, CSS, TailwindCSS

Version Control & Collaboration: Git (GitHub, GitLab, Bitbucket), JIRA, ZOHO

Development Practices: Data Structures and Algorithms, Multi-threading, Test-driven Development

Soft Skills: Effective communication, Eager learner, Strong collaborator, Problem-solving mindset