Vraj Shah

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Professional Summary

Highly motivated Software Engineer with 2 years of experience developing SaaS-based Android and iOS applications and contributing to cross-functional teams in backend and frontend development. Proficient in cloud-native backend technologies and frontend frameworks, including React and Spring Boot. Passionate about creating high-quality solutions through continuous learning and collaborative innovation.

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 delivered scalable Android and iOS mobile applications for customer engagement and enterprise systems, achieving a 40% performance boost through optimized code structures and adherence to SDLC best practices.
- Collaborated closely with cross-functional teams including backend engineers, designers, and QA to deliver high-quality mobile solutions aligned with customer needs, contributing to product innovation and improving user experience.
- Implemented MVVM and Clean Architecture patterns, improving project scalability and maintainability by 30%, ensuring efficient feature rollouts.
- Contributed to system design and architectural discussions, proposing and implementing scalable backend services using Spring Boot and Kotlin, optimizing performance by 40%.
- Developed responsive web and mobile applications using Java, Kotlin, Swift, React, and Node.js, integrating APIs to ensure real-time data processing and high availability.
- Led code reviews, promoted best coding practices, and encouraged knowledge sharing to foster a culture of continuous improvement, reducing technical debt by 40%.
- Reduced app crash rates by 35% with Firebase Crashlytics, improving app-store ratings and user retention through rigorous testing and debugging strategies.

Projects

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 contract management and streamlined service workflows.
- Architected a robust backend using Java Spring Boot and ReactJS, optimizing data workflows with MySQL achieving 99.9% uptime while facilitating real-time interactions and caching strategies to enhance application performance by 30%

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

- Implemented a Kubernetes-based microservices architecture with two Spring Boot containers, enabling seamless communication between public-facing and internal services.
- Configured Kubernetes-based microservices architecture, utilizing Docker and CloudBuild to automate deployments and reduce manual configuration by 30%, ensuring secure communication and scalability for service interactions.

Technical Skills

Programming languages: C, C++, Java, Kotlin, Swift, JavaScript, Python

Frontend Technologies: HTML, CSS, ReactJS, Bootstrap, TailwindCSS

Backend Technologies: Spring Boot (Java or Kotlin), Node.js, RESTful APIs, Redis, ElasticSearch, Ruby on Rails

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

Databases: SQLite, MySQL, MongoDB, DynamoDB, Redis, ElasticSearch, Room, Realm

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

Programming Fundamentals: Data Structures and Algorithms (DSA), Multi-threading, Coroutines

Soft Skills: Collaboration, Effective communication, Problem solving, Code reviews, Agile development