Vraj Shah

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Professional Summary

Software Engineer with 2 years of experience in end-to-end mobile and backend application development using modern frameworks and secure coding principles. Adept at identifying innovative solutions, collaborating in cross-functional teams, and delivering scalable and robust applications. Proficient in Kotlin, Java, Spring Boot, and Python. Passionate about developing high-quality software and continuously learning.

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 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 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 performance by 40% and resolving critical production issues through innovative solutions.
- 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 and scalable contract management system 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 a Kubernetes-based microservices architecture, ensuring high availability and automated deployments, reducing configuration time by 30% through Docker and Kubernetes.

Technical Skills

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

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, Test driven development

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