Vraj Shah

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Professional Summary

Highly motivated and skilled Software Engineer with 2 years of professional experience in designing and developing scalable Android and iOS applications using modern development frameworks and best practices. Proficient in backend development, cloud technologies, and secure coding principles. Adept at collaborating with cross-functional teams to deliver high-quality solutions aligned with business goals. Passionate about problem-solving and adopting emerging technologies to drive impactful user experiences.

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 | Mobile Application Developer   *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.
- Developed and deployed backend services using Spring Boot (Kotlin), seamlessly integrating with mobile apps to support real-time synchronization for over 1,000 active users.
- Implemented MVVM and Clean Architecture patterns, improving project scalability and maintainability by 30%, ensuring efficient feature rollouts.
- Streamlined development cycles by 30% through the creation of 10+ reusable components and contributions to open-source Java/Kotlin libraries.
- Enhanced app functionality and boosted user engagement metrics by 25% by integrating 5+ third-party SDKs and APIs (e.g., Stripe, PayPal, IoT SDKs).
- Conducted code reviews and established coding standards, reducing code issues by 75% and maintaining alignment with CI/CD practices using Jenkins and GitLab pipelines.
- 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 intregrating with ReactJS, achieving 99.9% uptime while facilitating real-time interactions. Conducted proof-of-concept testing for backend optimizations.

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 deployments, services, and ingress rules to ensure scalability, secure communication, and fault tolerance. Utilized Docker for containerization and automated deployments, reducing manual configuration efforts.

Technical Skills

Programming languages: C, C++, Java, Kotlin, Swift, JavaScript, Python
Frontend Technologies: HTML, CSS, JavaScript, ReactJS, Bootstrap, TailwindCSS
Backend Technologies: Spring Boot (Java/Kotlin), Node.js, RESTful APIs, Test-Driven Development (TDD)
Cloud & DevOps: AWS, Azure, Google Cloud Platform (GCP), Firebase, CI/CD Pipelines, Docker, Kubernetes
Databases: SQLite, MySQL, MongoDB, DynamoDB, Room, Realm
Version Control & Collaboration: Git (GitHub, GitLab, BitBucket, Azure), JIRA, ZOHO
Programming Fundamentals: Data Structures and Algorithms (DSA), Multi-threading, Coroutines
Soft Skills: Leadership, Team Collaboration, Analytical, Verbal, and Written Communication