Vraj Shah

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Professional Summary

Enthusiastic Mobile Application Developer with 2+ years of experience in designing and delivering high-performance Android and iOS applications using Kotlin, Jetpack Compose, and Swift. Proven ability to improve app performance, implement scalable architectures (MVVM, Clean Architecture), and enhance user engagement through effective integration of third-party services. Passionate about continuous learning, collaborating in remote environments, and building secure, user-centric mobile 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   *Ahmedabad, India*

- Designed and delivered scalable Android and iOS mobile applications, such as Drone Control, Vring, and OneCloud Connect, achieving a **40% performance improvement** through **optimized code structures**.
- Implemented MVVM architecture and Clean Architecture design patterns, enhancing project **scalability** and **maintainability by 30%**, and enabling smooth feature rollouts.
- **Streamlined development cycles by 30%** and improved code reliability by developing 10+ reusable components, contributing to open-source Java/Kotlin libraries, and facilitating faster delivery of high-quality applications.
- Enhanced app functionality and boosted **user engagement metrics by 25%** by integrating 5+ third-party SDKs and APIs (e.g., Stripe, PayPal, IoT SDKs), resulting in a **20% improvement in user retention rates**.
- Conducted **code reviews** and established coding standards, **reducing code issues by 75%** and ensuring adherence to CI/CD practices using Jenkins and GitLab pipelines.
- **Reduced app crash rates by 35%** using Firebase Crashlytics, leading to improved app-store ratings and user retention through rigorous testing and debugging strategies.

Projects

SpendWise | *APK* | *Source Code*   **Android (Kotlin - Jetpack Compose) | Room Database**

- Developed a **mobile app** to help users **track daily expenses**, categorize spending habits, and receive data-driven insights for better **financial planning**.
- Ensured **data integrity** and **security** by leveraging Room database with encrypted data storage achieving a **95% user satisfaction rate**..

Habit | *APK* | *Source Code*   **Android (Kotlin - XML) | Spring Boot (Kotlin) | MongoDb**

- Created an intuitive **habit-tracking mobile app** aimed at empowering users to build and manage daily routines; incorporated user feedback into design, resulting in a **40% increase in daily active users.**
- Engineered a robust **Spring Boot backend** integrated with **MongoDB**, achieving secure data storage and enabling seamless **real-time synchronization** across multiple devices for enhanced user experience in habit tracking.

Technical Skills

Mobile Development: Android (Java, Kotlin, XML, Jetpack Compose), iOS (Swift, Storyboard, SwiftUI)

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

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

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, Test-Driven Development

Soft Skills: Strong Communication, Team Collaboration, Quick learner, Active listener, Adaptable