Vraj Shah

📞 +19029941436 ✉ shahvraj2016@gmail.com in linkedin.com/in/vraj-shah ⯁ github.com/shah-vraj 💼 portfolio 📋 Blog

Professional Summary

Mobile Application Developer with 2+ years of experience building scalable and polished **native Android** and **iOS** apps using **Kotlin**, **Jetpack Compose**, and **Swift**. Adept at collaborating closely with designers to deliver user-centric applications, implementing clean and maintainable architectures (MVVM, Clean Architecture), and contributing to high-impact product development. Passionate about learning, product ownership, and writing clean, well-documented code that drives exceptional 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   *Ahmedabad, India*

- **Boosted app performance by 40%** by optimizing code structures and adopting best practices for memory management, leading to smoother user interactions and increased app stability.
- **Enhanced project scalability and maintainability by 30%** by implementing **MVVM** and **Clean Architecture patterns**, enabling seamless feature rollouts and easier onboarding for new developers.
- Spearheaded the development of 10+ reusable components, standardizing UI and backend interactions to **accelerate delivery timelines by 30%** and improve code reliability across multiple projects
- **Increased user retention by 20%** by integrating 5+ third-party SDKs and APIs, including Stripe and IoT services, enhancing app functionality and expanding user engagement opportunities.
- **Reduced code defects by 75%** by conducting thorough code reviews, establishing coding guidelines, and ensuring adherence to CI/CD best practices using Jenkins, GitHub Actions, and GitLab pipelines.
- Elevated app store ratings by **lowering crash rates by 35%** through the implementation of Firebase Crashlytics for detailed monitoring and rigorous debugging practices.
- Cultivated a knowledge-sharing culture by mentoring junior developers and leading technical sessions, fostering a **20% improvement in development efficiency across teams**.
- Automated project setup and boilerplate code generation for Android projects by contributing to the Android_Project_Setup open-source project using **Cookiecutter**, including **dependency injection** setup with **Hilt**.

Projects

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

- Achieved a **95% user satisfaction rate** by developing an secure expense-tracking mobile app with encrypted data storage using Room Database, providing actionable financial insights with a seamless user interface. Enhanced **user experience** and increased **feature adoption by 20%** by collaborating with designers to fine-tune UI/UX elements based on extensive user feedback.

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

- **Boosted user engagement by 40%** by developing an intuitive habit-tracking app with secure real-time synchronization powered by Spring Boot backend and MongoDB. **Enhanced application security and data reliability** by implementing secure backend protocols and robust storage mechanisms, ensuring **real-time data synchronization** feature gives seamless updates across devices.

Technical Skills

Mobile Development: Android (Java, Kotlin, XML, Jetpack Compose), iOS (Swift, Storyboard, SwiftUI), MVVM, Clean Architecture, Hilt, OkHttp, Retrofit, JUnit, Mockito, Espresso

Backend Technologies: Spring Boot, Node.js, RESTful APIs

Database: MySQL, MongoDB, SQLite, Room, Realm

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

Programming Fundamentals: Data Structures and Algorithms, Multi-threading, Coroutines, Test-Driven Development

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