Vraj Shah

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Professional Summary

Mobile and Software Developer with **2 years of experience** building secure, scalable, and high-performance **native Android and iOS applications** using **Kotlin, Jetpack Compose, and Swift**. Skilled in developing customer-centric features, collaborating across teams, and improving systems for reliability and scalability. Passionate about creating impactful, data-driven solutions and optimizing backend systems using cloud services to meet business needs.

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 and security.
- 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 by standardizing UI and backend interactions, **accelerating delivery timelines by 30%** and improving code reliability across multiple projects.
- Developed and maintained RESTful backend services using **Spring Boot (Kotlin) and MongoDB**, ensuring secure, scalable, and high-performance data handling for large-scale applications.
- Improved system reliability by **implementing automated testing** and CI/CD pipelines (Jenkins, GitLab) to reduce deployment errors and streamline release processes.
- **Collaborated with cross-functional teams**, including Product, UI/UX, and Backend Development, to deliver customer-centric solutions, directly contributing to a **20% increase in user retention**.
- **Mentored junior developers** and led technical sessions, fostering a **20% improvement in development efficiency** and promoting a culture of knowledge-sharing within the team.

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)

Frontend Technologies: HTML, CSS, JavaScript, React.js, TypeScript, JavaScript, Bootstrap, TailwindCSS

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

Database: MySQL, MongoDB, SQLite, Room, Realm

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

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