Vraj Shah

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Technical Skills

Mobile Development: Kotlin, Jetpack Compose, XML, Hilt, MVVM, LiveData, Android Studio

API & Networking: RESTful APIs, Retrofit, OkHttp

Cloud & DevOps: Firebase, AWS, CI/CD Pipelines, GitHub Actions, GitLab CI/CD

Testing & Debugging: JUnit, Mockito, Espresso, Firebase Crashlytics

Tools & Version Control: Git, GitHub, Bitbucket, Jira

Other Skills: AI-driven personalization, Generative AI, Mobile UX/UI, Coroutines, WorkManager, Best Practices

Soft Skills: Strong communication, Problem-solving, Teamwork and collaboration, Adaptability, Attention to detail, Critical thinking, Time management, Ability to learn continuously

Work Experience

Simform Solutions   Dec 2021 - Nov 2023
Software Engineer | Mobile Application Developer   *Ahmedabad, India*

- **Optimized app performance by 40%** through efficient memory management techniques, resulting in smoother user interactions and improved app stability.
- **Enhanced project scalability by 30%** by implementing **MVVM and Clean Architecture**, ensuring maintainable and modular code for seamless feature rollouts, and faster onboarding of new developers.
- **Accelerated delivery timelines by 30%** by creating 10+ **reusable UI and backend components**, standardizing codebases across multiple cross-functional teams.
- **Increased user engagement by 20%** by integrating 5+ **third-party SDKs**, including Stripe and IoT services, leading to higher retention rates.
- **Improved code quality by 75%** by establishing **coding standards** and conducting thorough **code reviews**, significantly reducing defects and enhancing CI/CD workflows.
- **Reduced app crash rates by 35%** by integrating **Firebase Crashlytics** for efficient debugging and error tracking, leading to improved app stability and higher app-store ratings.
- **Boosted team productivity by 20%** by **mentoring junior developers** and leading technical knowledge-sharing sessions, fostering a collaborative cross-functional learning environment.

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*

Projects

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

- **Achieved 95% user satisfaction** by developing an expense-tracking app with a seamless user interface and encrypted data storage via Room Database, allowing users to track finances securely.
- **Increased feature adoption by 20%** by refining UI/UX design in collaboration with designers, leading to a more intuitive experience based on user feedback.

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

- **Boosted user engagement by 40%** by building a habit-tracking app with real-time synchronization and secure data storage, ensuring a smooth experience across devices.
- **Enhanced app security by 30%** by implementing secure backend protocols and ensuring data reliability, leading to increased trust in the app's performance and security.

AI-Powered Game Recommendation Engine   **Android (Kotlin | Jetpack Compose) | Firebase | RESTful APIs**

- **Enhanced user engagement by 35%** by developing an **AI-driven recommendation engine** that suggests personalized game choices based on user preferences and in-app behavior.
- **Improved app efficiency by 25%** by integrating **Firebase ML Kit** and **generative ai models to optimize backend API calls**, reducing response times and enhancing recommendation accuracy.
- **Boosted feature adoption by 20%** by refining UI/UX in collaboration with designers, leading to a more intuitive and user-friendly interface.