Nirvik Basnet

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Visa: [Permanent Resident]

Summary

Experienced software developer more than 3 years of professional in building and optimizing Android and web applications. I am currently based in Sydney, Australia. I am proficient in using modern Android technologies such as Retrofit, Jetpack Compose, Firebase, MVVM, Hilt, JUnit, Room etc to deliver robust and user-friendly mobile solutions. I have completed my bachelor's degree in IT with a specialization in Mobile Application Development and a Diploma in project management from TAFE NSW.

Competencies

- Programming Language: Java, Kotlin, JavaScript, TS, HTML, CSS, C#
- Backend: ASP.NET, Node
- Database: Firebase, Realm, Room, SQLite, Oracle RDBMS
- Architecture: MVP, MVVM, Clean Architecture
- Testing: JUnit, Mockito & Expresso
- Methodology: Waterfall & Agile

Work Experience

Application Developer
Crossmark Australia | Sept 2021 - Current

- Developed and maintained Android applications using Kotlin, adhering to best practices and design patterns such as MVVM and Clean Architecture.
- Successfully migrated two Android apps from Java to Kotlin, improving code readability, and conciseness, and leveraging Kotlin's features for enhanced development efficiency.
- Collaborated with clients like Google, Apple, Amazon, and many other global and local brands to gather requirements, design user interfaces, and implement features.
- Leveraged Retrofit and coroutines/flows to efficiently handle REST API requests and responses, ensuring smooth data retrieval and synchronization.
- Utilized Jetpack Compose to create beautiful and responsive user interfaces, enhancing the user experience.
- Integrated Firebase services for real-time database, authentication, and cloud messaging, enhancing app functionality and user engagement.
- Implemented Hilt for dependency injection, improving code maintainability and testability.
- Wrote comprehensive unit tests using JUnit to ensure code quality and application stability.
- Designed and managed local data storage using Room for efficient data persistence.
- Collaborated with cross-functional teams including designers and product managers to deliver high-quality Android applications on time and within budget.
- Conducted code reviews and provided mentorship to junior developers to foster a culture of continuous improvement.

Junior Developer
DKSH | Dec 2020 – Sept 2021

- Enhanced the app's user interface, resulting in a 40% increase in user satisfaction and positive feedback.
- Implemented responsive design principles (XML Constraints), improving the user experience across various screen sizes and devices.
- Implemented monitoring tools (Firebase Crash analytics) to track app performance, leading to proactive identification and resolution of potential issues.
- Identified and resolved critical bugs, resulting in a more stable and reliable application.
- Successfully developed and launched two Android applications on the Google Play Store.

Education

- Bachelor of Information Technology (Mobile Application Development)
  Academy Of Information Technology, Australia | 2017 October – 2020 October
- Diploma in Project Management – TAFE NSW
- ACS Professional Year (2020-2021) - ECA