Simon Crowley

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Summary

Lead Android Developer with 9 years of experience and a proven track record in developing and delivering high-quality Android applications focusing on user experience and performance. Highly skilled in Kotlin and modern Android frameworks and architectures.

Experience

Lead Android Developer | CBRE - Host | Brisbane | March 2021 - May 2024

Senior Android Developer | CBRE - Host | Brisbane | June 2019 - March 2021

- Led the Android development team providing technical guidance and support to achieve project milestones and deliver high-quality code.
- Helped to modernise the codebase by introducing Kotlin and improving the architecture.
- Created and maintained over 80 different white-label versions of the app and managed the deployment of them via Azure Pipelines.
- Reduced development friction and increased team velocity. Maintained development pace with a larger iOS team.
- Introduced unit test suites using JUnit5, Mockk, and Kluent.
- Integrated various third-party technologies and integrations including multiple mobile access solutions.
- Pushed to prioritise the stability of the product, implementing crash reports, error logging, and alerts.

Mobile Developer | Youfoodz | Brisbane | February 2019 - June 2019

- Joined as an Android developer but also gained some iOS and Swift experience helping with iOS development.
- Helped to rebuild the product page from the ground up.
- Contributed to a new more modern and testable code architecture and design.
- Integrated native YouTube video playback and Google Maps into the app.
- Wrote unit tests with 100% code coverage.

Android Developer | Amity | Brisbane | April 2017 - January 2019

- Built a social network and real-time chat app from the ground up using technologies & methodologies such as RxJava, Kotlin, MVVM, and Clean Architecture.
- Transitioned the majority of the codebase from Java to Kotlin.
- Led the development of Firebase push notifications for the Android app and integration with native OS features.
- Implemented QR code scanning/generating and deep links for sharing and accessing in-app content.

Android Developer | Guvera | Gold Coast | April 2015 - April 2017

- Worked on a music streaming app with 10 million+ downloads on the Play Store.
- Rebuilt the company's flagship Android app from the ground up with one other developer.
- Handled complex features such as music streaming, audio recording, video playback, and Bluetooth beacons for location-based features.
- Reduced app startup time by 50%.

Mobile Tester | Guvera | Gold Coast | March 2014 - April 2015

- Wrote automated unit and integration tests while also conducting manual tests.
- Developed acceptance criteria and maintained documentation.

Education

Bachelor of Multimedia & Bachelor of Information Technology| Griffith University | Gold Coast | 2013

Skills/Technologies

Kotlin, Java, MVVM, MVP, Clean Architecture, Android Jetpack, Git, Scrum, Agile, Unit tests, Firebase, Azure, Coroutines, RxJava, Flows, Dagger, Hilt, REST APIs, GRPC, JSON, Protobuf, Compose, CI/CD