Biniam Berhane

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Summary

Results-driven Android engineer with 8 years of experience in developing and deploying Android applications. Skilled in unit testing, bug fixing, and optimizing application performance to deliver seamless user experiences. Continuously seeks out and evaluates emerging technologies to enhance development efficiency. Passionate about implementing clean architecture principles and applying industry best practices. Strong collaboration and communication skills, working closely with cross-functional teams to successfully ship products and features.

Experience

Insulet Corporation, Senior Android Engineer
- Led the development and implementation of key features for the Omnipod team, resulting in a 20% increase in user engagement.
- Collaborated closely with UX/UI designers to translate design concepts into user-friendly interfaces.
- Conducted code reviews and provided constructive feedback to team members, ensuring high-quality code standards.
- Implemented RxJava for reactive programming, improving application responsiveness and reducing network latency.

Kaiser Permanente, Senior Android Engineer
- I designed and developed a comprehensive history calendar feature, allowing users to track and manage medical appointments and health records.
- Implemented single sign-on (SSO) functionality, enhancing user convenience and security across multiple healthcare platforms.
- Worked closely with backend engineers to integrate RESTful APIs and ensure seamless data synchronization.
- Conducted extensive unit testing using JUnit and Mockito, resulting in a significant reduction in bug occurrence.

Acuvera, Android Engineer
- Worked on the development of a real estate Android application, enabling users to search, filter, and save properties based on specific criteria.
- Optimized application performance by implementing caching mechanisms and asynchronous data loading.
- Collaborated with product managers to prioritize and deliver critical features within strict deadlines.
- Conducted user testing sessions and incorporated feedback to enhance the user experience.

Eritrean Telecommunication, Android Engineer

- Developed a pre-paid card reader application using advanced image processing techniques, improving the accuracy and efficiency of card scanning.
- Implemented a secure payment system, integrating third-party APIs and encryption protocols to safeguard user data.
- Conducted extensive performance optimization to minimize application memory usage and improve overall responsiveness.

Explore Travel and Tour, Web Developer
- Redesigned the company website, implementing responsive design principles to ensure seamless user experiences across various devices.
- Implemented advanced search functionality, allowing users to find and book travel packages based on specific preferences.
- Utilized AJAX and JavaScript frameworks to create dynamic and interactive web elements.
- Integrated payment gateways, ensuring secure online transactions for customers.

Open Source Projects

- WallPack: Implemented advanced image caching techniques using Glide and optimized network requests for smoother image loading.
(GitHub:https://github.com/biniamHaddish/WallPack)

- Paper: Integrated Retrofit and OkHttp libraries to consume RSS feeds from various sources, providing a seamless reading experience.
(GitHub: https://github.com/biniamHaddish/paper_rss)

- SwipeView: Developed a customizable Kotlin library for RecyclerView, allowing users to perform multiple swipe actions per direction.
(GitHub: https://github.com/biniamHaddish/SwipeView)

Education

Bachelor of Computer Engineering
Eritrean Institute of Technology

Technical Skills

Programming Languages: Java, Kotlin, PHP, JavaScript
Frameworks/Libraries: Retrofit, MVVM, RxJava, Dagger, Glide, Jetpack
Tools: Android Studio, Git, MySQL, XML, JSON
Testing: Unit Testing, UI Testing