Lawand Piromari

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PROFESSIONAL PROFILE

Motivated and detail-oriented Software Engineer with 3+ years of experience in native Android development and end-to-end mobile app delivery. Proficient in **Kotlin**, **Jetpack Compose**, **Coroutines**, **Hilt**, and **Room**, with a strong portfolio of production-ready apps and technical projects. Experienced in managing **Google Play Store** releases, including app signing, versioning, and update rollouts. Proven ability to develop clean, scalable, and user-focused solutions—such as a published nonprofit app and a **machine learning**-powered stock prediction tool. Adept at working independently or in cross-functional teams to deliver impactful software.

SKILLS

Soft Skills: Problem-Solving, Communication, Adaptable, Collaborative, Patient, Initiative, Receptive
Programming Languages: Kotlin, Java, Swift, Python, C/C++, HTML, JavaScript
Technologies/Other: Android Studio, AndroidX Libraries, Jetpack Compose, Material Design, SwiftUI, SQL, Hilt, Retrofit, Junit, JSON, XML, Git, GitHub, Object-Oriented-Programming, Software Development, Agile, MVC, MVVM, Figma, AndroidX, Kotlin Coroutines, RxJava, Firebase, Oracle, VIewModel, Pager3

EDUCATION

Western Governors University
Bachelor of Science in Computer Science *November 2023 – March 2025*

Grossmont Community College
Associate in Science: Computer Programming *August 2021 - June 2023*

EXPERIENCE

Freelance Software Engineer | **Kurdish Community Islamic Center** | San Diego, CA *March 2023 – October 2023*

- Led development of native Android application, “Masjid Ashty”, **enabling users to access daily prayer times conveniently and increasing attendance at the mosque.**
- Developed a corresponding iOS application to broaden the reach of the mosque's services
- Managed Google Developer account and facilitated the release of the application to the Google Play Store.
- Implemented features including live daily prayer times, an interactive calendar, and info of Mosque's services.
- Gathered requirements from stakeholders and worked closely with them on product features and designs
- Communicated with stakeholders to evaluate engineering trade-offs to make implementation decisions
- Implemented push-notifications, using WorkManager and AlarmManager increasing user engagement
- Android Tech stack: Kotlin and Jetpack Compose, Retrofit, GitHub, Hilt, WorkManager, Junit
- **Increased Donations by 15% by improving accessibility and ease of donation**

TECHNICAL PROJECTS

Apple Stock Predictor – GitHub

- Developed a machine learning web application to predict Apple’s closing stock price using historical data
- Trained and evaluated multiple regression models (OLS, SVM, Random Forest), achieving an R^2 score of 0.9979
- Integrated trading volume and moving averages to improve model performance
- Built and deployed an interactive dashboard using Streamlit to display predictions and historical comparisons
- Created dynamic graphs including Actual vs Predicted Closing Prices and Prediction Accuracy metrics
- Enabled users to test the model on past dates and visualize model performance through line and pie charts
- Integrated with GitHub for version control and deployed the app publicly on Streamlit Cloud

Nuzlocke Master

- Android companion app for popular Pokémon “Nuzlocke” challenge
- Developed with Kotlin and Jetpack Compose, and AndroidX libraries
- Follows MVVM architecture and best practices to create a separation of concerns between components, allowing for a flexible and scalable codebase
- Custom Themes with an aesthetic and modern UI/UX adhering to Material Design
- Persists user data into local database, implemented via Room library
- Optimized large data set loading, providing a smooth UI experience using Pager3 library
- Kotlin Coroutines used for concurrency and data flow from database -> repository -> view model -> view