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OBJECTIVE

Motivated Computer Science student looking for oppurtunities to apply my skills in real world applications

CORE SKILLS

Kotlin, Android SDK, Compose Multiplatform, Android Studio, Jetpack Compose, C, C++, Rust, Python, Gradle, Git, GitHub

PROJECT WORK

Plumbus *A Compose Multiplatform app to browse information about the TV show Rick and Morty*   November 2024
- Followed clean modular architecture.
- Available on Android and Desktop platforms.
- Implemented UI with Kotlin and Jetpack Compose following Material3 guidelines.
- Used ROOM library for shared database.
- Used Koin for dependency Injection.
- Used Kotlinx Serialization for parsing JSON responses.
- Used Ktor for making api requests.

Rush *An Android app to search, save, and share lyrics like Spotify!*   June 2024 − Ongoing
- Implemented UI with Kotlin and Jetpack Compose following Material3 guidelines and added themes.
- Used Ktor-client to make API calls to Genius API.
- Used Ksoup for parsing HTML responses.
- Used Coil and ROOM to fetch and store lyrics with album art.
- Crossed 400+ stars on github and published on F-Droid.
- Published on Google Playstore.

Grit *A Simple Todo List and Habit Tracker Android App*   February 2024 − Ongoing
- Implemented UI with Kotlin and Jetpack Compose following Material3 guidelines.
- Used ROOM library and datastore to implement database and user preferences.
- Used Notification Manager, Alarm Manager API, and Broadcast Receiver to implement scheduled push notifications.

Portfolio *A static portfolio site made using Kotlin multi-platform*   March 2024
- Used a Kobweb, A framework for Kotlin Multiplatform to create a static website to showcase my work.

OTHER SKILLS

Linux System Administration Using Arch Linux for better software support, custom environment and easily available developer tools.

AI (Intermediate) Used Gemini integration in Android Studio to review and analyze code efficiently.

CI/CD and DevOps (Intermediate) Used CI/CD pipelines for publishing apps on F-droid.

LINKS

Project Rush: github.com/shub39/Rush
Project Grit: github.com/shub39/Grit
Project Plumbus: github.com/shub39/Plumbus
LinkedIn: https://www.linkedin.com/in/shub39/
GitHub: github.com/shub39