Mai Bảo Long

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As a graduate in Information Technology with a focus on Android development, I am eager to leverage my hands-on experience in mobile application development. I aim to secure a challenging position where I can contribute to creating innovative Android applications while continuously enhancing my technical skills and knowledge. I am passionate about tackling complex problems and developing solutions that positively impact users' experiences.

WORK EXPERIENCE

Mobile Developer   **Apr 2023 - Present**
Freelancer   **VietNam**
- • Having around 1 year of experience in developing Android projects outsource with Kotlin and Java such as: DNC i8 Plus, Samsung Remote TV, ThemePack, GPS Tracking, Mom Care, Music Player, ChatGPT Assistant, etc..
- • Used the following technologies and skills: Kotlin Compose, Kotlin Multiple Platform, Coroutine, Data binding, RoomDB, Retrofit, Ktor, Koin, Websocket, Dependency Injection (Hilt), Navigation, Material Design, Firebase, Datastore, RecyclerView, ViewModel, Live Data, Flow, MVVM Design pattern, MVI Design pattern, …
- • There are projects published on the store such as: DNC i8 Plus, Samsung Remote TV, ThemePack, GPS Tracking.

Mobile Internship   **May 2023 - Aug 2023**
Uthus JSC   **VietNam**
- •There are 3 months of internship experience at Uthus Technology JSC: Research and demo ChatGPT API App.
- •Support to build 2 projects with Kotlin: Theme pack app, GPS Tracking: Speed pedometer app. These two apps were presented on CHPlay.

EDUCATION

Ho Chi Minh City University of Technology and Education   **Oct 2020 - Oct 2024**
Information Technology   **GPA:** 3.31 of 4.0

PROJECTS

DNC i8 Plus ⬈   **May 2024 - Present**
- The application use KMP, has the function of controlling LED lights remotely, has security with MD5.
- ESP32 BLE firmware uses Arduino C++ code with many lighting effects and logic processing with activation signals from motorbikes and applications.

Samsung Smart Remote: AI Voice ⬈   **Nov 2023 - Present**
- Support code: Ads unlock logic, show content/dialog logic, …
- Make some ui and fix ui errors.

Mom Care ⬈   **Oct 2023 - Jun 2024**
- Implement all layout and logic code android for the project. Handle all core features such as: tracking pregnancy, show content, draw chart, media player, chat with assistant, social media, change color, change language, …
- Support build backend for CRUD, data processing and return them to application with API.

ThemePack ⬈   **Jul 2023 - Aug 2023**
- Implement some layouts for the project, handle core features of clock widget and setting fragment such as save themes, icons and widgets to local memory. Implement some dialogs to display widget item

GPS Tracking: Speed Pedometer ⬈   **May 2023 - Jun 2023**
- Implement some layouts for the project, handle core features of setting fragment such as: establishing multiple themes for the application, configuring parameters related to GPS tracking, and saving them using DataStore.

GPT API: ChatGPT Assistant ⬈   **May 2023 - Jun 2023**
- Implement all layout and logic code android for the project. Handle all core features such as: Save conversations, using ChatGPT API,…

Music Player ⬈   **Apr 2023 - Apr 2023**
- Implementing the UI design and writing logic code to retrieve and display playlists from both device storage and Firebase storage. I am also responsible for handling various actions on songs and creating custom notifications.

SKILLS

Languages: Java, Kotlin, C, C++, C#, JavaScript, TypeScript

Tools: Github, Firebase, Heroku

Database: MySQL, MongoDB

Technologies: •Mobile: Kotlin Compose, Kotlin Multiple Platform, Coroutine, Data binding, Room DB, Retrofit, Ktor, WebSocket, Dependency Injection (Hilt, Koin), Navigation, Material Design, Firebase, Datastore, Recycler View, View Model, Live Data, Flow
•Web: Node.js, ReactJS, HTML5, CSS3
•Clean architecture, SOLID, Architecture Pattern (MVVM, MVI, MVC), Design Pattern (Repository pattern, Builder pattern, Singleton pattern, Factory pattern, State pattern)

AWARDS

Academic Incentives   **Oct 2024**

Vallet Scholarship   **Jun 2019**
Second Prize in the Provincial Informatics Competition   **May 2019**
Second Prize in the Provincial Informatics Competition   **May 2016**