Mathew Charles

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Career Objective

Motivated Computer Science graduate interested in Android development, with knowledge of Java and Kotlin, and familiarity with MVVM architecture, REST APIs, and Data Structures Algorithms. Eager to learn modern Android tools like Jetpack components and contribute to real-world projects in a collaborative team environment.

Technical Skills

Programming Languages: Java, kotlin ,SQL, Dart

Android Development: Jetpack Compose(UI) , Android SDK

Tools: MS office , IntelliJ IDEA , VS Code , Google Colab, Git , Postman , Android Studio

Databases: MySQL , Mongodb

Frameworks: Flutter, Spring Boot , Ktor

Mini Projects

Weather App │ **GitHub Link**

Kotlin,Jetpack Compose,MVVM,Retrofit

- Developed a modern Android weather application using Kotlin and Jetpack Compose with real-time weather data and 5-day forecasts
- Implemented clean MVVM architecture with Repository layer, integrated WeatherAPI using Retrofit and Coroutines, and added comprehensive error handling with loading states

News App │ **GitHub Link**

Kotlin , Android , Jetpack Compose , MVVM

- Developed a modern Android news app using Kotlin, Jetpack Compose, and MVVM architecture
- Integrated NewsAPI with Retrofit and implemented offline caching and bookmarking using Room database
- StateFlow, Hilt, and Material Design 3 to build a responsive and scalable UI

Todo App with User Collaboration │ **GitHub Link**

Kotlin , Ktor , WebSockets

- Built using Kotlin/Ktor with PostgreSQL database
- Implemented user authentication and task sharing features
- Added real-time updates using WebSocket connections
- Phase 2 Implementation: Extending to Android app with Jetpack Compose for full-stack Kotlin development

Experience

Infosys springboard virtual internship 6.0   Dec 2025 - present

Infosys springboard - Java fullstack

- Currently Working on real Time Project On Campus Lost and Found .
- Implemented backend logic for lost−found item management and intelligent keyword/location-based matching, integrating MySQL for optimized data storage and improving item recovery efficiency

Certifications

- Programming Using Java — Infosys
- Software Engineering and Agile Software Development — Infosys
- Kotlin User Group Chennai (KUG Chennai) – Attendee
Attended a community meetup focused on Kotlin fundamentals, Android development practices, and real-world industry discussions.