

# Mathew Charles

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## CAREER OBJECTIVE

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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

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**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

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### 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

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### 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

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- 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.

## EDUCATION

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### Vel Tech University

*B.Tech – Computer Science and Engineering*

Chennai, Avadi

2022 – 2026

### Nalanda International Public School

*Class XII (CBSE) – Computer Science Group*

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2021 – 2022