

# Animesh Mandal

Android Developer | Kotlin & Java | Jetpack Compose | SDK & API Integration

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## TECHNICAL SKILLS

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- **Programming Languages:** C++, JavaScript, Java, Kotlin
- **Frameworks & Architecture:** MVVM, MVC, Jetpack Compose, React.js, Next.js, Node.js
- **Technologies & Tools:** Android Studio, Postman, Git, GitHub, Firebase Console
- **Libraries & APIs:** Coroutines, Retrofit, Glide, Dagger (Hilt), Room DB, LiveData, Gson, REST APIs, Firebase (Auth, Firestore)
- **UI Technologies:** XML, Material-UI, CSS3, React native, Node.js, Firebase, REST APIs, SQL, MySQL

## PROFESSIONAL EXPERIENCE

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### JIO PLATFORMS LIMITED

Dec 2023 - Present

#### Software Development Engineer

Navi Mumbai, Maharashtra

- **JioAttendance App - Workforce Management App:**
  - Revamped the architecture and UI within an Agile development environment, resulting in a **10-12% increase** in performance. Leveraged **Android Studio, Kotlin, and Java** to deliver a seamless and intuitive user experience.
  - Designed and implemented a **task image upload feature**, enabling employees to visually confirm task completion. This feature led to a **15% boost** in employee trust and transparency within the organization.
  - Improved app scalability by modularizing code, enhancing maintainability, and reducing bug resolution time by **20%, leading to smoother feature development.**
  - Led critical bug fixes and performance optimizations, reducing crash rates and increasing crash-free users from **86% to 98%**, significantly enhancing app stability.
  - Collaborated cross-functionally with UI/UX designers, backend developers, and stakeholders to align app functionality with business objectives and user expectations.
- **mHere Pro - AI-based Attendance App:**
  - Integrated features like accurate geo-tagging, attendance marking, and work location management.
  - Improved accuracy and system efficiency in Reliance's **FR-based attendance app**, serving **200,000+ employees.**

### QPIVOLTA TECHNOLOGIES

February 2023 - July 2023

#### Full Stack Intern

Bangalore, Karnataka

- Developed a **high-performance full-stack engine** for material discovery, improving analysis accuracy and **accelerating recommendations by 40%**, enhancing decision-making.
- Optimized front-end architecture using React.js, **reducing page load time by 35%** and **boosting responsiveness**, ensuring seamless feature scalability.
- Integrated **RESTful APIs** into the application for seamless data retrieval, manipulation, and real-time updates, resulting in a **30% boost** in functionality and overall user engagement.

## PROJECTS

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- **Newsify:**  
Built a scalable news app with **Jetpack Compose, Kotlin, MVVM, Retrofit, OkHttp, Hilt, Coroutines, and Flow**, featuring search, article view, and bookmarking.
- **Habit Tracker:**  
Developed a Habit Tracker Android app using **Jetpack Compose, Kotlin, Room, Hilt, Coroutines, and Flow**, following clean architecture and modern UI practices.

## EDUCATION

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### HALDIA INSTITUTE OF TECHNOLOGY

B.Tech in Computer Science and Engineering (CGPA: 8.6)

July 2019 - July 2023

Haldia, West Bengal