Trishit Majumdar
Android Developer — Software Engineer

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About Me

Dynamic computer science student with a proven track record in designing, implementing, and optimizing web and mobile applications. Skilled in Android development using Kotlin and Jetpack Compose. Adept in Java and Kotlin, leveraging strong problem-solving skills to deliver innovative solutions. Experienced in front-end development and proficient in Git. Highly skilled in HTML, CSS, JavaScript, and various frameworks. Thrives in collaborative environments and drives project success.

Education

Bachelor of Technology (B.Tech)   **2023 – 2027**
Hooghly Engineering and Technology College

Higher Secondary (12th)   **2023**
Hooghly Collegiate School   *Percentage: 81%*

Secondary (10th)   **2021**
Bandel St. John's High School   *Percentage: 89%*

Technical Skills

- **Programming Languages:** C, JavaScript, Java, Kotlin, Python
- **Web Technologies:** HTML, CSS, JavaScript, React
- **App Development:** Kotlin-Gradle DSL, Android Jetpack, Android Architecture, Jetpack Compose, Hilt Dependency Injection, Kotlin Multiplatform
- **Other Technologies:** Git, Retrofit, OkHTTP, Netlify, Render, GitHub Actions, Google Play Listing
- **Tools:** Android Studio, Android SDK, Gradle Build tools, IntelliJ IDEA, GitHub, Apache Maven, Google Play Console
- **Database:** SQL, MongoDB, Google Cloud Platform

Projects

Calculator App (Android)
Kotlin, Jetpack Compose

- Built a modern calculator application using Jetpack Compose with a clean, responsive UI.
- Implemented MVVM architecture for state management and scalability.
- Added calculation history handling and optimized recomposition for performance.

Alarm Clock App - WakeApp (Android)
Kotlin, Jetpack Compose, Android System Calls

- Developed a fully functional alarm clock app with scheduling, repeat options, and ringtone handling.
- Integrated background services and system alarms for reliable time-based triggers.
- Focused on Material Design principles and smooth user experience

Quote Explorer App - Quotd (Android)
Kotlin, Jetpack Compose, Retrofit

- Created an app to explore, browse, and save quotes with a minimal and intuitive UI.
- Implemented API integration using Retrofit for dynamic content fetching.
- Still in closed testing and soon to be published on Google Play Store

KobGames Store (In Development)
Kotlin, Kobweb framework, Compose HTML

- – Developing a game store–style website in Kobweb featuring simple board games and puzzle games leveraging the power of Kotlin in web.
- – Implementing classic puzzle and game algorithms to strengthen problem-solving and algorithmic thinking.
- – Using the platform as a sandbox to experiment with game logic, state management, and performance optimization.

Certifications

- Ethical Hacking Certificate (NPTEL) — `https://archive.nptel.ac.in/content/noc/NOC25/SEM2/Ecertificates/106/noc25-cs142/Course/NPTEL25CS142S95030001510940097.pdf`

- The Joy of Computing using Python Certificate (NPTEL) — `https://archive.nptel.ac.in/content/noc/NOC24/SEM1/Ecertificates/106/noc24-cs57/Course/NPTEL24CS57S65020009830773665.pdf`

Languages

- English

- Bengali

- Hindi

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