Aditya Kumar Singh

Android Developer

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SUMMARY

Motivated and detail-oriented developer with strong skills **in Android development (Java/XML), Flutter (Dart), and core programming fundamentals**. Experienced in building full-stack mobile applications with **Firebase, real-time IoT integration, and map-based services (OSM).** Completed an **internship at Jadavpur University, contributing to an EV-to-EV charging system and market research in the EV sector**. Adept at creating practical, user-focused solutions and continuously improving technical capabilities. Strong academic background with proven problem-solving skills and achievements in mathematics and strategic games.

EDUCATION

B.Tech in Information Technology, Institute of Engineering and Management (**GPA: 8+**) — Jul '23 — Present, Kolkata, India
AISSCE (XII CBSE) | B.D. Memorial International (**80%**) | **2023** — Kolkata, India
AISSE (XII CBSE) | B.D. Memorial International (**90%**) | **2021** — Kolkata, India

PROJECTS

Auctora Link — Sept '25, Kolkata, India
- Built a real time bidding app with a fully functional E-commerce App.
- It consists of features like live bidding, private bidding rooms, buying and selling dashboard product listing, Wishlist, add to cart, checkout.
- Used Flutter, Dart, Firebase(database).

EVX Link — May '25 — Present, Kolkata, India
- Built a EV to EV charging App.
- In this App two EVs can find each other and in this one Ev will be the donor and the another EV will be a acceptor. Acceptor will provide charge and the donor will receive charge. In this App the Donor sends request to the nearby acceptors present in the map and then the acceptor can accept or reject the request. If accepted then can reach out and transfer charge.
- Used OSM(Open Street Maps) for Maps, Java, XML, Firebase(Database), Android Studios.

AutoUpKeep Link — Aug '25, Kolkata, India
- A machine monitoring app where the user can see the machines status and detailed information.
- This App helps in monitoring the machine(For example the speed of the motor, temperature, running or idle status etc.) the idea is to the IOT devices will send the data to the database and then the App will fetch those data from the database to the App and show it with visualizations(graphs) and numeric values and give predictions.
- Used Java, XML, Android Studios.

IEM-Ride Link — Sept'25 — Present, Kolkata, India
- A Ride Booking App.
- If a person is going from point A to be B he can list the empty car seats on the app and other people can give some amount of money and then they can reserve the seat.
- Used java, XML, Firebase(Database), OSM(Open Streets Maps), Android Studios.

EXPERINCE AND INTERNSHIP

JAVDAVPUR UNIVERSITY(Kolkata) Link — 12TH MAY - 4TH JULY 2025

Under the supervision of Dr. Punyasha Chatterjee Professor and Director, School of Mobile Computing and Communication, Jadavpur University, Developed a EV TO EV Charging (EVX) which finds a donor for the acceptor electric vehicle, also written a report and competitive study of recent EV market and EV charging sector.

SKILLS

Programming Languages: C, Java, Python, XML, Dart
Libraries and Framework: Flutter, Android SDK (Java/XML), Java Collections Framework, Python Libraries.
DataBase: SQLite, Firebase Realtime Database / Cloud Firestore, Supabase, MySQL.
Tools: Git, GitHub, Android Studio, Blender, VS Code, IntelliJ.
Languages: English, Hindi, Bengali