

Aditya Raj

Kolkata, India | [Gmail](#) | [LinkedIn](#) | [GitHub](#)

SUMMARY

Results-driven **Software Engineer & Android Developer** with a strong foundation in **Java and Android Development**. Passionate about building applications, solving real-world problems, and continuously enhancing technical expertise. **4th place winner at Kod-E-Thon**

TECHNICAL SKILLS

- **Languages:** Java, C, Kotlin (Basic), HTML, CSS, JavaScript
 - **Android Development:** Android SDK, Firebase (Auth, Real-time Database)
 - **Frameworks & Tools:** Android Studio, Git & GitHub, Gradle, XML
 - **Software Development:** Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA)
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EDUCATION

B.Tech in Electronics & Communication Engineering

Netaji Subhash Engineering College, Kolkata (2023 – 2027)

PROJECTS

Women's Safety App (Java, Android Studio, Firebase)

- Developed an **SOS system** that detects sudden motion changes to trigger alerts.
- Integrated **real-time location sharing**
- Worked on optimizing **motion sensor processing** for accurate distress detection.

Paisa Controller – Personal Finance Manager (Java, Android Studio, Firebase)

- Built an **expense tracking and budgeting app**
- Implemented **Firebase Realtime Database** for seamless user data management.
- Designed a **user-friendly dashboard** with interactive financial analytics.

Food Ordering Website (HTML, CSS, JavaScript)

- Developed a **responsive web-based food ordering platform** as part of VAT coursework.
 - Implemented **dynamic menu filtering and order management**.
 - Ensured a **mobile-friendly UI/UX** using CSS Flexbox and Grid.
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EXPERIENCE & CONTRIBUTIONS

Hackathon Finalist – Kod-E-Thon (4th Place)

- Developed an innovative application under time constraints.
- Designed and implemented **mobile architectures** for real-time processing.

Core Volunteer – CSR Club, NSEC

- Led and contributed to **social impact projects**, merging technology with humanitarian efforts.
 - Organized **community-driven tech workshops** for underprivileged students.
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CERTIFICATIONS

- **Java Programming – Udemy** (April 2024)
 - **Certificate of Participation – Kod-E-Thon (4th Place Winner)** (March 2025)
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ACHIEVEMENTS

- **Secured 4th place in a National-Level Hackathon** (Kod-E-Thon) among 100+ teams.
- **Built mobile applications** with Firebase integration.