

Aditya Kumar Singh

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Experience

Accenture

Apr '24 — Present | Kolkata, India

Associate Software Engineer

- Automated Salesforce data migration using **Python** scripts, reducing time by **75%**.
- Conducted code reviews, followed unit-testing practices, and ensured adherence to release cycles and deadlines.
- Developed an in-house CRM email solution with **Django** and **SendGrid**, creating **RESTful APIs** and microservices to enhance scalability and reduce API response times, saving **\$45,000** annually.
- Collaborated on the maintenance of **CI/CD** pipelines using **Docker**, ensuring seamless deployments.

EzeRx - Sun Pharma Affiliated Company

Sep '23 — Mar '24 | Kolkata, India

Mobile App Developer

- Awarded **Employee of the Month** in Dec '23 for implementing in-app servers to improve app capabilities.
- Developed and maintained scalable Python server integration in the mobile app, achieving a **70%** server cost reduction.
- Implemented reusable widgets and components by following effective design principles, reducing code duplication and improving maintainability.
- Optimized app performance by **30%** via analysis of system requirements and state management, reducing exceptions by **85%** and app size by **49%** through asset optimization and code reuse.
- Improved code coverage to **85%** by implementing rigorous **unit testing frameworks**, minimizing post-release bugs.
- Initiated iOS app development, architected cross-platform synchronization, and ensured feature parity with Android.
- Architected a cross-platform synchronization strategy to ensure feature parity between **Android** and **iOS**, reducing development redundancy by **40%**.

Beta Testers

Nov '21 — Apr '22 | Kolkata, India (Remote)

Mobile App Development Intern

- Developed two mobile apps using **Flutter**, acquiring over **100+ customers** within the first month of launch.
- Incorporated **Google Maps API** for a location-based marketplace, increasing the user base by **30%**.
- Implemented **lazy loading** and **pagination** to reduce server load by **20%**, following best practices for scalable software development.

Education

B.Tech in Computer Science and Engineering

Aug '19 — Jun '23 | India

Ramkrishna Mahato Government Engineering College (CGPA: **9.18**)

Projects

PaperFlow

- Built a full-stack PDF management mobile app using **Nest.js**, **MongoDB**, **Flutter**, and **REST APIs**.
- Created a responsive **Flutter UI** and utilized an **S3 bucket** for PDF file storage.

HostelEase

- Developed a mobile application with **Flutter**, **Node.js**, and **REST APIs** to automate attendance and food tracking, reducing manual errors by **80%** and boosting efficiency by **60%**.
- Created a responsive **admin panel** with user-friendly interfaces to improve operational efficiency by **60%**.

Skills

- Programming Languages:** C++, Java, Python
- Frameworks, Libraries and SDKs:** Flutter, JPA, Hibernate, Spring Boot, Spring MVC, Spring Security, Android, iOS
- Databases:** MySQL, MongoDB, PostgreSQL
- Coursework:** Data Structures and Algorithms (DSA), DBMS, Computer Networks, Operating Systems

Achievements

- Awarded **Employee of the Month** in Dec '23
- Ranked **91st** in GeeksForGeeks Weekly Coding Contest 98
- Solved **600+** problems on platforms like LeetCode and GeeksForGeeks
- Highest Rated **1839** at LeetCode