

# Aditya Kumar Singh

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## Experience

### Accenture

2024-04 — Present | Kolkata, India

#### Associate Software Engineer

- Performed 50+ weekly code reviews maintaining 98% compliance with SonarQube standards while ensuring adherence to SDLC best practices and robust Testing.
- Automated Salesforce data migration using **Python** scripts, reducing processing time by **75%** and enhancing Operational Stability.
- Developed an in-house CRM email solution with **Django** and **SendGrid**, creating **RESTful APIs** and microservices to improve Application Development and scalability, saving **\$45,000** annually.
- Collaborated on the maintenance of **CI/CD** pipelines using **Docker**, ensuring seamless deployments and Application Resiliency.

### EzeRx - Sun Pharma Affiliated Company

2023-09 — 2024-03 | Kolkata, India

#### Mobile App Developer

- Awarded **Employee of the Month** in Dec '23 for implementing in-app servers that enhanced app capabilities and Security.
- Developed and maintained scalable Python server integration in the mobile app, achieving a **70%** server cost reduction through efficient Automation and Cloud integration.
- Implemented reusable widgets and components following effective design principles, reducing code duplication and improving maintainability.
- Optimized app performance by **30%** via system requirements analysis 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 and enhancing Application Resiliency.
- Initiated iOS app development and architected cross-platform synchronization, achieving feature parity between **Android SDK** and **iOS** while reducing development redundancy by **40%**.

### Beta Testers

2021-11 — 2022-04 | 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

2019-08 — 2023-06 | 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** to enhance Application Development and modern front-end capabilities.
- Created a responsive **Flutter UI** and utilized an **S3 bucket** for secure PDF file storage in the Cloud.

### 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%** and support real-time Data Analysis.

## Skills

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