

# Aditya Kumar Singh

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## Experience

- Accenture**Apr, 2024 — Present | Kolkata, India
- Associate Software Engineer**
- Automated Data Migration:** Leveraged **Python** scripting and Salesforce integration to automate data migration workflows, cutting processing time by **75%** while improving data accuracy.
  - In-House CRM Email Solution:** Engineered a scalable CRM email solution using **Django** and **SendGrid** by developing RESTful APIs and microservices, improving system scalability and saving **\$45,000** annually.
  - CI/CD Pipeline Optimization:** Collaborated with cross-functional teams to optimize CI/CD pipelines using **Docker**, ensuring seamless deployments and enhancing overall application resiliency.
- EzeRx - Sun Pharma Affiliated Company**Sept, 2023 — Mar, 2024 | Kolkata, India
- Software Engineer**
- Award-Winning Server Implementation:** Developed and deployed robust in-app server solutions that fortified app security and performance, earning **Employee of the Month** in Dec '23.
  - Cost-Efficient Cloud Integration:** Designed and maintained scalable Python-based server integrations for the mobile app, achieving a **70%** reduction in server costs through strategic cloud automation.
  - Performance Optimization:** Enhanced mobile app performance by **30%** via thorough system requirements analysis and state management, reducing runtime exceptions by **85%** and app size by **49%** through asset optimization and code reuse.
  - Cross-Platform Development Leadership:** Pioneered iOS app development using **Flutter**, architecting cross-platform synchronization that achieved full feature parity with the Android SDK and reduced development redundancy by **40%**.
- Locofast**Sept, 2022 — Dec, 2022 | New Delhi, India (Remote)
- Software Engineering Intern**
- Secure Email Authentication:** Engineered a client-side Email Authentication System using **Amazon SES**, **NestJS**, and **Redis**.
  - Collaborative Feature Development:** Partnered with backend and product teams to conceptualize and implement new features based on user requirements, leading to improved product functionality and user experience.





## Education

- B.Tech in Computer Science and Engineering**2023 | West Bengal, India
- Ramkrishna Mahato Government Engineering College (CGPA: **9.18**)

## Projects

- PaperFlow | GitHub Repo | Video Demo**
- Developed a full-stack PDF management app with **Nest.js**, **MongoDB**, **Flutter**, and REST APIs.
  - Implemented a responsive **Flutter UI** and used an **AWS S3 bucket** for secure file storage.
- SmartVault | GitHub Repo**
- Engineered a smart warranty vault with **Spring Boot**, **Java**, **PostgreSQL**, and **Flutter** using microservices for scalability.

## Skills

- Programming Languages:** C++, Java, Python
- Frameworks & SDKs:** Flutter, JPA, Hibernate, Spring Boot, Spring MVC, Spring Security, Android SDK, iOS
- Databases:** MySQL, MongoDB, PostgreSQL
- Cloud & Virtualisation:** AWS, Virtualisation Technologies
- Competitive Profile Links:**  [Leetcode](#) |  [Codeforces](#) |  [GeeksForGeeks](#) |  [Codechef](#)

## Achievements

- Awarded **Employee of the Month** at EzeRx in Dec '23.
- Solved **600+** questions on **Leetcode**, **250+** questions on **GeeksForGeeks**, **50+** questions on **Codechef**, and **50+** questions on **Codeforces**.
- Achieved a highest rating of **1839** on **Leetcode**.
- Consistently ranked under **1500** in **Leetcode Contests**.
- Ranked **91st** in the **GeeksForGeeks Weekly Coding Contest 98**.
- Achieved **Codechef** rankings: **860** in Starters 146, **957** in Starters 147, and **897** in Starters 162.
- Ranked **4139** in **Google Kickstart 2022 Round B**.