# Aditya Kumar Singh

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## Experience

**Accenture**                                                                Apr, 2024 — Present | Kolkata, India
**Associate Software Engineer**

- Automated Salesforce data migration using **Python** scripts, reducing processing time by **75%**.
- 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**                  Sept, 2023 — March, 2024 | Kolkata, India
**Software Engineer**

- 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.
- 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.
- Initiated iOS app development using **Flutter** and architected cross-platform synchronization, achieving feature parity between **Android SDK** and **iOS** while reducing development redundancy by **40%**.

**Locofast**                                                        Sept, 2022 — Dec, 2022 | New Delhi, India (Remote)
**Software Engineering Intern**

- Designed an Email Authentication System for the client-side, utilizing **Amazon SES, NestJs** and **Redis.**
- Collaborated with backend and product teams to develop new features based on user requirements.

## Education

**B.Tech in Computer Science and Engineering**                              **2023** | West Bengal, 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.
  - **GitHub Repo** | **Video Demo**

**SmartVault**

- Built a Smart Warranty Vault using **Spring Boot, Java, PostgreSQL,** and **Flutter** with a microservices architecture for storing product warranties and purchase details.
  - **GitHub Repo**

## 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
- **Tools:** Bug Tracking Tools (e.g., JIRA), CI/CD, Docker
- **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**.