

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%**.

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 & Tools:** AWS, Docker, Kubernetes
- **Competitive Profile Links:**  [LeetCode](#) |  [Codechef](#) |  [GeeksForGeeks](#) |  [Codeforces](#)

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**.