Aditya Kumar Singh

+916290949425 | adityasingh.110601@gmail.com | Kolkata, India | LinkedIn | GitHub | Leetcode

Experience

Accenture   2024-04 — Present | Kolkata, India
Associate Software Engineer

- 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
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.
- Improved code coverage to **85%** by implementing rigorous unit testing frameworks, minimizing post-release bugs and enhancing Application Resiliency.
- 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   2022-09 — 2022-12 | New Delhi, India (Remote)
Software Engineering Intern

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

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.
- **GitHub Repo** | **Video Demo**

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%**.
- **GitHub Repo** | **Video Demo**

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