Aditya Kumar Singh

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Experience

Accenture   2024-04 — Present | Kolkata, India

Associate Software Engineer

- Automated Salesforce data migration using **Python**, driving full life cycle development with **DevOps** practices (75% time reduction).
- Built a scalable CRM email solution with **Python**, **Django**, and **AWS**, leveraging **Agile** and solid **Software Architecture & Design** to deliver RESTful APIs and save $45K annually.
- Enhanced CI/CD pipelines using **Docker** and integrated **Bug Tracking Tools** to improve automation and deployment operations.

EzeRx - Sun Pharma Affiliated Company   2023-09 — 2024-03 | Kolkata, India

Software Engineer

- Awarded Employee of the Month for advancing full life cycle development and enhancing app security.
- Developed scalable **Python** server integrations on **AWS**, reducing costs by 70% via automation, virtualisation, and DevOps.
- Raised code coverage to 85% by implementing unit testing and robust bug tracking.
- Optimized performance by 30% through targeted requirements analysis and stakeholder collaboration.
- Launched iOS development with **Flutter** and cross-platform synchronization, cutting redundancy by 40%.

Locofast   2022-09 — 2022-12 | New Delhi, India

Software Engineering Intern

- Designed an email authentication system using **Amazon SES**, **NestJs**, and **Redis**, supporting full life cycle development and agile requirements analysis.
- Automated database migrations and seedings to ensure seamless updates and robust DevOps.
- Collaborated with teams to gather requirements and develop new features, reinforcing stakeholder management.

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 for enhanced scalability and cloud integration.
- 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 robust software architecture and 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
- **Tools:** Bug Tracking Tools (e.g., JIRA), CI/CD, Docker
- Competitive Profile Links: **Codeforces GeeksForGeeks Codechef Leetcode**

Achievements

- Awarded **Employee of the Month** at **EzeRx** in Dec '23.
- Ranked **91st** in the **GeeksForGeeks Weekly Coding Contest 98**.
- Solved **600+** questions on **Leetcode** (contest rating: **1839**), **250+** questions on **GeeksForGeeks**, **250+** questions on **Codechef**, and **50+** questions on **Codeforces**.
- Achieved a highest rating of **1839** on **Leetcode**.
- Consistently ranked under **2000** in **Leetcode Contests**.
- Ranked **4139** in **Google Kickstart 2022 Round B**.
- Achieved **Codechef** rankings: **860** in Starters 146, **957** in Starters 147, and **897** in Starters 162.