Aditya Kumar Singh

📞 +91 6290949425 | ✉ adityasingh.110601@gmail.com | 📍 Kolkata, India | 🔗 ad17yakr | 💻 AD17YAKR

Experience

Accenture　　　　　　　　　　　　　　　　　　　　　　　　　　　Apr '24 — Present | Kolkata, India
Associate Software Engineer

- Automated Salesforce data migration using **Python** scripts, reducing time by **75%**.
- Conducted code reviews, followed unit-testing practices, and ensured adherence to release cycles and deadlines.
- Developed an in-house CRM email solution with **Django** and **SendGrid**, creating **RESTful APIs** and microservices to enhance scalability and reduce API response times, saving **$45,000** annually.
- Collaborated on the maintenance of **CI/CD** pipelines using **Docker**, ensuring seamless deployments.

EzeRx - Sun Pharma Affiliated Company　　　　　　　　　　　　　Sep '23 — Mar '24 | Kolkata, India
Mobile App Developer

- Awarded **Employee of the Month** in Dec '23 for implementing in-app servers to improve app capabilities.
- Implemented reusable widgets and components using **Flutter** by following effective design principles, reducing code duplication and improving maintainability.
- Optimized Flutter app performance by **30%** via analysis of system requirements and state management, reducing exceptions by **85%** and app size by **49%** through asset optimization and code reuse.
- Improved code coverage to **85%** by implementing rigorous **unit testing frameworks**, minimizing post-release bugs.
- Initiated iOS app development, architected cross-platform synchronization, and ensured feature parity with Android.
- Developed and maintained scalable Python server integration in the mobile app, achieving a **70%** server cost reduction.

Beta Testers　　　　　　　　　　　　　　　　　　Nov '21 — Apr '22 | Kolkata, India (Remote)
Mobile App Development Intern

- Developed two mobile apps using **Flutter**, acquiring over **100+ customers** within the first month of launch.
- Incorporated **Google Maps API** for a location-based marketplace, increasing the user base by **30%**.
- Implemented **lazy loading** and **pagination** to reduce server load by **20%**, following best practices for scalable software development.

Education

B.Tech in Computer Science and Engineering　　　　　　　　　　　　　Aug '19 — Jun '23 | 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 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:** 🏆 **Leetcode** | ▮▮ **Codeforces** | ᘐᘜ **GeeksForGeeks** | 👨‍🍳 **Codechef**

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 **1500** 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.