Aditya Kumar Singh

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Experience

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

- Automated Salesforce data migration using Python scripts, reducing migration 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.
- Architected a cross-platform synchronization strategy to ensure feature parity between Android and iOS, reducing development redundancy by 40%.
- 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 | ᴅᴳ 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 the highest rating of 1851 on Leetcode and attained the Knight badge.
- 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.