# Aditya Kumar Singh

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## Education

**B.Tech in Computer Science and Engineering**  August 2019 — August 2023 | India
Ramkrishna Mahato Government Engineering College (CGPA: 9.2)

## Experience

**Accenture**  April 2024 — Present | Kolkata, India
**Associate Software Engineer**

- Reduced Salesforce data migration time by 75% using Python scripts to automate repetitive processes
- Improved code quality by conducting peer code reviews and implementing unit testing practices across 5+ projects
- Saved $45,000 annually by developing in-house CRM email solution with Django and SendGrid, creating RESTful APIs that reduced response times by 40%
- Maintained 100% deployment success rate by collaborating on CI/CD pipeline maintenance using Docker

**EzeRx - Sun Pharma Affiliated Company**  September 2023 — March 2024 | Kolkata, India
**Mobile App Developer**

- Awarded Employee of the Month in Dec 2023 for implementing in-app servers that improved feature delivery speed by 30%
- Reduced code duplication by 40% through development of reusable Flutter widgets following Material Design principles
- Improved app performance by 30% by optimizing state management and reducing exceptions by 85% through error handling improvements
- Decreased app size by 49% using asset optimization techniques and code minification
- Achieved 85% code coverage by implementing unit testing framework, reducing post-release bugs by 60%
- Reduced development redundancy by 40% through cross-platform synchronization architecture for Android/iOS feature parity
- Cut server costs by 70% by developing Python backend services with optimized API calls

## 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: ⑤ Leetcode | 📊 Codeforces | 𝒢𝒢 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.