

Aditya Kumar

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EDUCATION

Dr. A. P. J. Abdul Kalam Technical University (AKTU)

Bachelor of Technology in Computer Science and Information Technology (CGPA: 8.4)

2022 - Ongoing

Ghaziabad, India

POSITION OF RESPONSIBILITY

Cloud Computing Cell | Co-ordinator and Backend Developer

November 2023 – Present

- Collaborating with a 42-member team to foster technical initiatives and oversee diverse projects.
- Conducted workshops on Docker, GitHub, and Python, instructing over 120 students.

PROJECTS

Learning Management System | Django Rest Framework, SQLite, React.js, Flutter

[GitHub](#)

- Developed an LMS with course management, role-based authentication, and video commenting.
- Integrated JWT-based authentication, Cloudinary for media storage, and ORM for efficient database management.

Quiz App | Django Rest Framework, PostgreSQL, React.js

[GitHub](#) | [Live Link](#)

- Implemented two-factor authentication using OTP via email and a leaderboard functionality.
- Tested the quiz with over 86 concurrent users in a live environment.

Fast Connect | FastAPI, JavaScript, Bootstrap

[GitHub](#)

- Developed a multi-user chat application with WebSocket-based real-time messaging.
- Utilized WebSocket functions with JavaScript to enhance the frontend responsiveness.

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, SQL, HTML/CSS

Frameworks: Django, FastAPI, ReactJS, ReST APIs, Tailwind CSS

Databases: PostgreSQL, MongoDB, MySQL, SQLite

Platforms: AWS, Git/GitHub, Docker, Render

Tools: Postman, Thunder Client, WebSockets, CI/CD Pipelines

Soft Skills: Problem-solving, Team Collaboration, Time Management, Adaptability

ADDITIONAL

Certifications

- AWS Cloud Practitioner Essentials Certification
- Infosys Springboard JavaScript
- Enhancing Soft Skills and Personality Certification - NPTEL (IIT Kanpur)

Language Skills

- English
- Hindi