

# Aditya Kumar

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## Education

**Ajay Kumar Garg Engineering College**

Bachelor of Technology in Computer Science — **CGPA: 8.5**

Ghaziabad, India

2022 – Present

## Work Experience

**Backend Developer Intern, HLSR Technologies**

June 2024 – Present

- Built scalable backend services for an AI-powered e-learning product in a 20-member team.
- Improved performance by 30% via PostgreSQL query optimization and Redis caching.
- Designed and deployed 15+ RESTful APIs with JWT authentication, handling 1K+ daily requests.
- Used PostHog for retention analysis and session recordings to improve user experience.

## Skills

**Languages:** JavaScript, Python, C/C++

**Frontend:** React.js, Redux, Tailwind CSS

**Backend:** Node.js, Express.js, FastAPI, Django, RESTful APIs, JWT Authentication

**Database:** PostgreSQL, MySQL, MongoDB, Redis

**Tools:** AWS, Git/GitHub, Docker, OpenAI APIs, PostHog, Postman

**Soft Skills:** Problem Solving, Team Collaboration, Time Management

## Projects

**AI Code Reviewer – Automated Code Analysis Tool** | *Node.js, React.js, MongoDB* [GitHub](#) | [Live](#)

- Built an AI tool analyzing 500+ code submissions monthly, detecting bugs and suggesting fixes via NLP.
- Built 10+ modular React components to streamline interaction and feedback flow.

**GenieSite – AI-based Webpage Generator** | *Django REST, PostgreSQL, Redis*

[GitHub](#)

- Engineered an AI tool that generates fully functional webpages from user prompts, using DRF.
- Managed Redis caching and PostgreSQL joins for fast template rendering (response time down 40%).
- Ensured secure, scalable API endpoints for user generation history and preview access.

**eCommerce Web App** | *React.js, Redux, Node.js, MongoDB*

[GitHub](#)

- Built a dynamic frontend for 2,000+ mock products with search/filtering and integrated Node.js APIs.
- Developed 10+ REST endpoints for product data; served 1,500+ daily requests with Git-based versioning.
- Implemented role-based access control and JWT authentication to ensure secure user and admin operations.

## Certifications and Achievements

- **AWS Cloud Practitioner Essentials** – Amazon Web Services
- Solved **600+ DSA problems** on **LeetCode**, **GFG**; ranked in top 10% across 50+ contests.
- **3-star CodeChef** (Max Rating: 1610; Top 15% globally).

## Position of Responsibility

**Cloud Computing Cell – Co-ordinator & Web Developer**

Nov 2023 – Present

- Led a 42 students in building cloud projects, improving deployment efficiency by 18%.
- Organized 8+ large-scale events (200+ attendees) with tech creators like Rohit Negi.