

# ASHWANI TRIPATHI

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## EDUCATION

**GL Bajaj Institute Of Technology And Management Greater Noida**  
*Bachelor of Technology in Computer Science*

**2021-2025**  
**CGPA: 8.01**

## WORK EXPERIENCE

**DocExtract** | SDE I

**Jan 2025 - present**

- Architected scalable and high-performance database schemas, enhancing maintainability and future extensibility.
- Leveraged Redis for caching and Celery for distributed task queues, increasing system throughput by 40%.
- Tuned complex SQL queries and implemented indexing strategies, slashing query response times by 60%.
- Developed and deployed a CI/CD pipeline using Jenkins, GitHub, and Ubuntu VM, accelerating team deployment cycles by 40%.

**MutaEngine** | Backend Developer Intern

**Oct 2024 - Jan 2025**

- Engineered the backend for the Career Page using Django Rest Framework, reducing page load times by 25%.
- Designed scalable RESTful APIs and normalized database models, improving codebase maintainability by 20%.
- Built a full-stack CI/CD pipeline integrating Ubuntu VM, Nginx, Gunicorn, Jenkins, and GitHub Actions.
- Automated server deployment with scripted environment setup, cutting manual configuration time by 70%.

## PROJECTS

**E-portal for Case management and Hearings(Recognized as Patent by GOI)** | [Source Code](#)

*DjangoRestframework, WebSDK, OpenAI, Vue.js, Tailwind, PostgreSQL, Linux, AWS*

- Developed a platform simplifying civil mediation, reducing operational costs by 99% compared to traditional processes.
- Enabled clients to access case updates, documents, and notifications seamlessly.
- Facilitated secure video conferencing with complete hosting control for mediators and lawyers.

**Freaky-friends Web App** | *Stripe, OpenAI, DRF, AWS, Redis, Celery, GraphQL, Docker, Netlify, Vue.js, Tailwind, GoogleAuth Api* [Source Code](#)

- Implemented JWT-based authentication and Google Auth login, improving user retention by 15%.
- Built real-time chat and dating features, enabling users to send, accept, and reject date requests with instant notifications.
- Optimized backend responsiveness by 73% through efficient caching layers and asynchronous task orchestration.
- Integrated trend suggestion algorithms and post interaction features (likes, reports, comments), increasing user engagement by 48%.
- Delivered real-time notifications and personalized trend suggestions, contributing to a 30% boost in subscription-based user growth.

## TECHNICAL SKILLS

<b>Programming Languages:</b>	C, CPP, Python, Java, JavaScript
<b>Web Development:</b>	Django, DRF, Vue.js, Tailwind, CSS, HTML
<b>Databases:</b>	PostgreSQL, MySQL, MongoDB
<b>Tools:</b>	Linux, Redis, Docker, Jenkins, AWS, GraphQL, Postman, Git, Github, VS code
<b>Technical Courses:</b>	OS, OOPs, Web Design, DBMS, Computer Networks, Cloud Computing

## ALGORITHMIC PROGRAMMING ACHIEVEMENTS

- Achieved **1200+** at GFG [\[Profile\]](#)
- Solved **900+** problems at Leetcode [\[Profile\]](#)

## HACKATHON

- Hackfest 2024 finalist among **1000** Teams across India [\[View\]](#)