

# Anuj Chauhan

[in anujchauhan](#) | [anujchauhan.vercel.app](#) | [heyajchauhan@gmail.com](mailto:heyajchauhan@gmail.com) | [+91-8439560323](#)

## Summary

Master's student and Software Engineering Intern with hands-on experience building production-grade backend systems using FastAPI, Django, Kafka, and Docker. Worked on healthcare data integration (HL7, Mirth Connect) and event-driven pipelines. Strong in REST API design, authentication, and scalable system architecture. Actively seeking backend / full-stack roles.

## Work Experience

### Software Engineering Intern, InnovLogic Services

Feb 2025 - Jul 2025

- Designed and developed secure REST APIs using FastAPI with JWT authentication, RBAC, pagination, and OpenAPI documentation.
- Integrated healthcare CRM systems using HL7 (ORM/ORU), Kafka, and Mirth Connect to enable reliable clinical data exchange.
- Built an event-driven pipeline (EHR → Kafka → Consumer → Mirth → Orchestrator), improving message reliability and decoupling systems.
- Implemented HL7 parsing, validation, ACK handling, and transformation into REST/JSON for downstream services.
- Containerized services using Docker and docker-compose, enabling modular deployment and local environment parity.

## Projects

### CodeTutorAI — AI tutor for programming questions

[Live Demo](#)

Next.js, JavaScript, LLM APIs, REST Provides contextual chat, code explanations, and debugging assistance.

### Bytrix — file compression/conversion with summaries

[Github Repo](#)

Next.js, Django, PostgreSQL, Redis Converts/shrinks documents (PDF, DOCX, XLSX→CSV) with instant AI summaries.

### Brain Tumor Detection — AI-assisted MRI image analysis

Python, CNN, NumPy, Scikit-learn Flags tumor regions with confidence scores for clinical validation.

## Education

2024 – present Master's, **Graphic Era University**  
2021 – 2024 Bachelor's, **Graphic Era University**

CGPA: 7.97/10  
CGPA: 7.77/10

## Certifications

- HackerRank Certified: [Python](#), [JavaScript](#), [React](#)
- AWS Certified: [Cloud Quest](#), [Artificial Intelligence Practitioner](#), [Cloud Practitioner Essentials](#)

## Technical Skills

Languages	Python, JavaScript, Java, C/C++, SQL
Backend	FastAPI, Django, Node.js, Express.js
Frontend	React.js, HTML, CSS
Databases	PostgreSQL, MySQL, Redis
Messaging	Kafka, Mirth Connect, HL7
DevOps	Docker, Git, GitHub
Tools	VS Code, PyCharm, Android Studio, MS Office
OS	Windows, Linux