

# Anurag Basuri

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LinkedIn — GitHub — LeetCode — Portfolio

## SKILLS

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<b>Programming Languages:</b>	JavaScript, Python, C++, Java
<b>Core Computer Science:</b>	DBMS, Operating Systems, Computer Networks, System Design
<b>Frameworks &amp; Libraries:</b>	React.js, Next.js, Node.js, Express.js, FastAPI
<b>Web Technologies:</b>	RESTful APIs, GraphQL, WebSocket, Authentication (JWT, OAuth2)
<b>Databases:</b>	NoSQL (MongoDB), Redis, MySQL, PostgreSQL (Postgres), Prisma
<b>AI &amp; ML:</b>	LLMOps, MLOps, Neural Networks, AI Automation, AI Orchestration
<b>Tools &amp; Platforms:</b>	Git, GitHub, Docker, Postman, AWS, Google Cloud
<b>Soft Skills:</b>	Communication, Teamwork, Leadership, Time Management, Adaptability

## FREELANCE (Full Stack Developer)

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*Syntax Student Organization, Lovely Professional University* *Mar 2025 – Dec 2025*

— Sanitized Source Code —

**Tech Stack:** React.js, Node.js, Express.js, MongoDB, Socket.IO, JWT, Multer, Axios, Tailwind

- Architected a multi-portal platform (**Admin, Member, Viewer**) serving **1000+ users**, enabling centralized event and fest management using Express.js with **JWT/OAuth2 role-based access control**.
- Developed analytics-driven admin dashboards with exports, media automation, and monitoring, improving system throughput via **Redis caching** and **request rate limiting**.
- Built a hybrid ticketing system using a **Next.js-based scanner** and **email-based QR delivery**, reducing manual verification workload by **65%**.

## PROJECTS

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**Autonomous Personal Agent** *Feb 2026 – May 2026*

Source Code — Live

**Tech Stack:** Python, FastAPI, Next.js, LangGraph, LangChain, PostgreSQL, pgvector, AES-GCM, Auth.js

- Built an autonomous AI agent using a **LangGraph DAG-based architecture** for structured state management and decision flow.
- Designed a **secure memory system** with **AES-256-GCM encryption** for storing conversations before database persistence.
- Implemented a **RAG pipeline** using PostgreSQL + pgvector for semantic search over user data and embeddings.
- Developed an **agentic tool system** integrating external **APIs (GitHub, LeetCode)** and internal tools for contextual retrieval and task execution.

**Exam Evaluation System — Gen-AI Enabled Exam Platform** *Jun 2025 – Nov 2025*

Source Code — Live

**Tech Stack:** React.js (Vite), Node.js, Express.js, MongoDB, Socket.IO, JWT, OAuth2, Generative AI (Mistral 7B)

- Built a full-stack exam platform with automated delivery, **30-sec autosave**, and **AI-assisted grading**, reducing evaluation time by **70%**.
- Implemented secure **RBAC**, **95% autosave reliability**, and real-time monitoring supporting **100+ concurrent users**.
- Developed an **LLM-based evaluation service** using rubric scoring, improving grading consistency by **85%**.

## CERTIFICATIONS

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**Deep Learning — IIT Ropar (NPTEL)** *Mar 2025*

Verify Certificate

**MERN Stack with Gen AI — W3Grads** *Jul 2025*

Credential: FLAMES25MERN2667 — Verify Certificate

## ACHIEVEMENTS

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- Achieved 3rd position — Prompt Builder 2025 (Hackathon, 60+ teams)
- Top 5 finalist — Sociothon 2025 (Hackathon, 50+ teams)
- Achieved a peak rating of 1686 in the LeetCode contest.

## EDUCATION

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**Bachelor of Technology in Computer Science and Engineering** *Aug 2023 – Present*

Lovely Professional University, Phagwara, Punjab — CGPA: 8.11

**Intermediate (Class XI & XII)** *Apr 2021 – Mar 2023*

ODM Public School, Bhubaneswar, Odisha — Percentage: 94