

Anurag Basuri

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SKILLS

- **Languages:** JavaScript, Python, C++, Java
- **Backend & APIs:** Node.js, Express.js, FastAPI, RESTful APIs, GraphQL, WebSocket, Microservices, Authentication (JWT, OAuth2)
- **Frontend:** React.js, Next.js, Tailwind CSS
- **Databases:** MongoDB (NoSQL), PostgreSQL, MySQL, Redis, Prisma
- **AI / LLM Systems:** LangChain, LangGraph, RAG, Agentic AI, Multi-Agent Systems, LLMOps, MLOps, AI Orchestration
- **DevOps & Cloud:** Docker, CI/CD (GitHub Actions), Vercel, Railway, Render
- **Core CS:** Data Structures & Algorithms, Operating Systems, Computer Networks, System Design
- **Soft Skills:** Communication, Teamwork, Leadership, Time Management, Adaptability

FREELANCING

Full Stack Developer

May 2025 – Dec 2025

Syntax Student Organization, Lovely Professional University

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

- Architected a multi-portal platform (**Admin, Member, Viewer**) serving **2000+ users**, enabling centralized event management and team structuring with **JWT/OAuth2 role-based access control**.
- Built analytics-driven admin dashboards with media automation and monitoring, improving system throughput via **Redis caching** and **request rate limiting**.
- Engineered a hybrid ticketing system with **email-based QR delivery** and member-side scanners, cutting manual verification effort by **65%**.

PROJECTS

Exam Evaluation System – AI Enabled Exam Platform

Aug 2025 – Jul 2026

Source Code • Live Link

Tech Stack: React, Node.js, Express, BullMQ, Redis, Python, FastAPI, LangGraph, LangChain, RAG

- Built a full-stack, **microservice-based** exam platform enabling conversational AI exam generation and automated grading via **strict RAG** to eliminate hallucinated evaluations.
- Achieved **99% AI service uptime** through a **4-provider LLM fallback chain** and reduced token usage by routing simple refinement commands through a zero-token regex parser.
- Implemented **Redis-backed rate limiting**, **BullMQ** async job queues, and **Socket.IO** real-time updates on a **FastAPI microservice** decoupled from the main Node.js backend.

InvestorIQ – AI Investment Research Agent

Apr 2026 – Jul 2026

Source Code • Live Link

Tech Stack: Next.js, React, TypeScript, LangGraph, Llama 3, DeepSeek, Yahoo Finance, Alpha Vantage, Reddit API

- Designed a **multi-agent AI system** that researches public companies using **5+ live data sources**, generating investment memos with confidence scores in 7–12 seconds.
- Orchestrated **6 specialized agents** across a stateful **LangGraph DAG**, achieving near-100% LLM uptime via a 4-layer provider fallback chain.
- Built a **fault-tolerant pipeline** enabling isolated agent logic, graceful partial failures, and a fully traceable reasoning chain from **raw data to final verdict**.

CERTIFICATIONS

- **Deep Learning – IIT Ropar (NPTEL)**, Jul 2025 – Verify Certificate
- **MERN Stack with Gen AI – W3Grads**, Mar 2025 (Credential: FLAMES25MERN2667) – Verify Certificate

ACHIEVEMENTS

- Secured 3rd position – Prompt Builder 2025 (Hackathon)
- Solved 550+ problems on LeetCode, reaching a peak contest rating of 1686

EDUCATION

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

Intermediate (Class IX & X)

Apr 2019 – Mar 2021

RVIE School, Baharagora, Jharkhand – Percentage: 84