

Gaurav Upadhyay

Portfolio: gauravupadhyay.live

Github: github.com/itzzGaurav7

Email: gauravupadhyay.work@gmail.com

Mobile: +91 9877035303

EDUCATION

National Institute of Technology Jalandhar (NITJ)

B.Tech in Information Technology

Jalandhar, Punjab

Nov 2022 – May 2026

INTERNSHIPS & EXPERIENCE

SDE Intern — *BlockExcel*

May 2025 – Present

- Built a **multi-tenant B2B+B2C pharma platform**, integrating wholesale supply chain workflows with a marketplace storefront in a single system. Delivered end-to-end backend, fulfillment, **multi-schema inventory**, and payment systems for scalable, high-throughput operations.
- Contributed to developing event-driven, horizontally scalable microservices for a multi-tenant B2B wholesale food marketplace serving enterprise clients like **8th Avenue Food & Provisions**, implementing **Node.js**, **TypeScript**, and **Redis** solutions to support high-volume buyer-seller transactions with centralized observability for rapid fault isolation, including an inventory logging service to capture real-time stock movements and maintain an auditable history across the supply chain.
- Led full-stack delivery of an enterprise HRMS, building rich UI workflows with **Next.js / React**. Refactored **Express.js / PostgreSQL REST APIs**, driving a **25% reduction in response latency** and strengthening data consistency across services.

Full Stack Developer — *Lure (Contract)*

March 2025 – May 2025

- Developed end-to-end escort management system with intake, assignment, and tracking workflows using **Flask APIs**, **TypeScript/React** frontend, and **Ionic** mobile app.
- Built role-based dashboards with **Redux Toolkit** and permission-aware data access, achieving **40% faster** load times.
- Optimized deployment with **Docker multi-stage builds** and **Nginx reverse proxy**, reducing image sizes and enabling production-grade traffic routing.

Student Intern — *NITJ*

Aug 2025 – Dec 2025

- Currently developing a **RAG-based chatbot** for the college website using **FAISS** vector indexing and **Chroma** vector store to create an intelligent institute assistant.
- Implemented query filtering and **source attribution** features to ensure responses are exclusively college-related with accurate document references.

PROJECTS

Dealify CMS | *React, FastAPI, PostgreSQL, Docker, Nginx, CockpitCMS* [GitHub](#)

- Built a full-stack real estate CRM as a capstone project with **React frontend** and **FastAPI backend**.
- Designed lead management workflows with automated scoring and dynamic form generation.
- Containerized services using **Docker** and reverse-proxied with **Nginx** for production-grade deployment.
- Integrated **Google Maps API** for geolocation search and property visualization.

ZingGuru | *React.js, Node.js, Express.js, OpenAI, Firebase, AWS S3* [GitHub](#)

- Built an AI-powered, gamified learning platform integrating **personalized AI tutors**, gamification, and collaborative tools.
- Implemented **adaptive learning paths** with AI-driven analytics for real-time tracking and personalized suggestions.
- Integrated **Firebase**, **Google Cloud**, and **AWS S3** for seamless storage, deployment, and authentication.

ACHIEVEMENTS

- **Runner-Up** at HackTU 6.0 (500+ teams, **Best GenAI Track**, MLH); **MongoDB Track Winner** at Electrothon 7.0 [Devfolio](#).
- **Web Lead, Google Developer Student Clubs** – NITJ (Aug 2024 – May 2025): Led 8-member team; organized 5+ workshops impacting 300+ students.
- Achieved **Global Rank 716** – LeetCode Biweekly 139, **Global Rank 667** – Codeforces Round 984.
- **Finalist** – Health-Hack (Top 10 of 200+ teams); College Finalist – **Smart India Hackathon** 2023, 2024.

SKILLS

- **Languages:** C/C++, JavaScript, TypeScript, Python, SQL
- **Frameworks/Tools:** React, Next.js, Node.js, Express.js, Flask, OpenCV, TensorFlow
- **Databases:** MongoDB, PostgreSQL, MySQL, Redis
- **DevOps/Cloud:** Docker, Git, Unix/Linux, AWS, Firebase, CI/CD
- **Coding Profiles:** LeetCode (**Knight, 1911**) [Profile](#), Codeforces (**Specialist, 1410**) [Profile](#)
- **Coursework:** DSA, System Design, Web Development, Machine Learning, Computer Networks