

Ankit Kumar Gupta

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 <https://github.com/ankit-gupta-git>

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Skills

Programming Languages

C/C++ | Java | Python | JavaScript | MongoDB | React | MySQL | Git | NextJs

Technical Skills

Data Structures and Algorithms | API Design and Development | Object Oriented Programming | Operating Systems | DBMS (Database Management Systems) | Computer Networking | GitHub | AI Integration | Cloud Services (Azure Basics) | Linux | Docker | REST APIs

Education

Quantum University, Roorkee, India

CGPA: **8.0** | (Aug'23-Jun'27)

Bachelor of Technology (B.Tech) in Computer Science and Engineering (AIML)

(Expected)

Sri Guru Nanak Public School, Jharkhand | XII (CBSE)

62.4% | 2022

Experience

Academic Research | Quantum University, Roorkee, India

(May 2025)

Co-authored a research paper titled "*AI-Driven Solutions for Social Engineering Attack Prevention*", published in *IJPREMS* (Impact Factor: 7.001). Explored AI-based cybersecurity techniques like NLP, behavioral analytics, and predictive modeling for real-time detection of phishing and social engineering attacks.

Top 30 | Team Lead | Galgotias International Hackathon – "Aranya"

(May 2025)

Decentralized Wildlife Conservation Platform - A blockchain-powered platform combining AI and geospatial tech to promote eco-tourism and citizen-led biodiversity efforts.

- Led development of a **dynamic 3D wildlife map** UI with live plantation tracking.
- Integrated decentralized storage plus **GPS-tagged NFT** minting using **Solidity** and **IPFS**.
- Implemented AI-powered animal chatbots and **scam-reporting modules** using **AI verification** and **Web3 tools**.
- **Tech stack:** React.js, Tailwind CSS, Three.js, Framer Motion, Solidity, IPFS, Web3 tools, AI/ML, Real-time Geolocation

Hackathon Winner | Annual Fest, Quantum University

(April 2024)

Swastha— Real-time remote healthcare system featuring IoT monitoring and an NLP-based chatbot for medical queries.

- Developed a real-time **IoT-based health monitoring system** using **Arduino Uno** and a chatbot powered by **Natural Language Processing (NLP)** for medical queries.
- Integrated **live assistant** and **emergency response** modules using MongoDB and Firebase.
- Managed **100+** real-time patient cases, **reducing manual processing by 70%**.
- **Tech Stack:** HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, Firebase, Arduino Uno, NLP, version control

Academic Projects

My Portfolio | (portfolio-v1) [Live](#)

(Apr 2025)

Developed a modern, responsive portfolio using **React** and **Vite**, featuring dark/light mode, **smooth animations** with **Framer Motion**, and a clean UI with **Tailwind CSS**. Integrated a **chat-based AI assistant** using the **Gemini API** to answer real-time queries about **skills**, **projects**, and **experience**, enhancing user interaction.

Napster | Movie Recommendation System [Live](#)

(Dec 2024)

- Developed a system that provides **personalized movie suggestions**, increasing content engagement by **35%**.
- Implemented a **real-time filtering algorithm**, delivering dynamic movie suggestions.
- **Tech Stack:** HTML, Tailwind CSS, React, JavaScript, API, Node.js.

Wanderlust | Airbnb-like Platform [Github](#)

(Aug 2024)

- Built a **full-stack travel** accommodation platform similar to Airbnb.
- Developed **property listing**, **booking system**, and **user authentication** with a seamless experience.
- **Tech Stack:** MongoDB, Express.js, React, Node.js (MERN).