

Ankit Kumar Gupta

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Portfolio: <https://www.ankitdev.xyz> | [linkedin.com/in/iamankit-gupta](https://www.linkedin.com/in/iamankit-gupta) | github.com/ankit-gupta-git

Profile Summary

Aspiring Software Development Engineer pursuing B.Tech in CSE (AIML) at Quantum University. Skilled in Java (DSA), MERN stack, and backend systems using MySQL, MongoDB, and REST APIs. 5x hackathon participant with experience building real-world AI and Web3-based solutions. Passionate about scalable systems, impactful tech, and continuous learning.

Education

Quantum University

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

Roorkee, India
CGPA: 8.0 | Aug 2023 - Jun 2027

Sri Guru Nanak Public School

XII (CBSE)

Ramgarh, Jharkhand

62.4% | 2022

Experience

Academic Research

Quantum University

- 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.

May 2025

Roorkee, Uttarakhand

Top 30 | Team Lead

Galgotias International Hackathon

- “Aranya” Decentralized Wildlife Conservation Platform** – A blockchain-powered platform combining AI and geospatial tech to promote eco-tourism and citizen-led biodiversity efforts.
- Integrated decentralized storage plus GPS-tagged NFT minting using Solidity and IPFS.
- Built an **AI-powered animal chatbot** and **3D biodiversity map** for public engagement and real-time exploration.
- Tech stack:** React.js, Tailwind CSS, Three.js, Framer Motion, Solidity, IPFS, Web3 tools, AI/ML, Real-time Geolocation

May 2025

Noida

Hackathon Winner

Annual Fest, Quantum University

- 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.
- Collaborated with teammates who handled **IoT integration, AI chatbot, and automation**.
- 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

April 2024

Roorkee, Uttarakhand

Projects

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

- Developed a **modern, responsive portfolio** using **React** and **Vite**, implementing **dark/light mode** for improved accessibility.
- Added **smooth animations** with **Framer Motion** to enhance **user experience** and **visual appeal**.
- Integrated a chat-based AI assistant using the Gemini API to handle real-time queries about skills, projects, and experience.
- Tech Stack:** React, Vite, Tailwind CSS, Framer Motion, Gemini API

Apr 2025

Napster | Movie Recommendation System | [Live](#) | [Github](#)

- 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.

Dec 2024

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

- 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).

Aug 2024

Technical skills

Languages: C/C++, Java, Python, JavaScript, SQL (MySQL)

Frameworks: Next.js, Express.js, Bootstrap, Tailwind CSS

Dev Tools: Git, GitHub, Linux, Azure, AWS (Cloud Services), API Design and Development, AI Integration, Docker

Libraries: React, MongoDB, REST APIs

CS Fundamentals: Data Structures and Algorithms, Object Oriented Programming, Operating Systems, DBMS, Computer Networking