

AMIT ANAND

Varanasi, Uttar Pradesh

☎ +91-9473703667

✉ amitanand.nd.in@gmail.com

🌐 [Amitanand](#)

🔗 [Amitanand0123](#)

EDUCATION

Indian Institute Of Information Technology, Kota

2023 – 2027

B.Tech in Computer Science Engineering

CGPA: 8.21

DALIMSS Sunbeam, Varanasi

2021 – 2023

Senior Secondary, CBSE

Percentage: 92%

PROJECTS

Ensemble | *React, Gemini API, OAuth, Express, MongoDB, Docker* — [GitHub](#) | [Live Demo](#)

April 2025

- Architected and developed a comprehensive project management platform using the **MERN** stack (MongoDB, Express.js, React, Node.js) with **Redux** for state management and **Socket.IO** for real-time features.
- Engineered a secure authentication system with JWT tokens, OAuth 2.0, and multi-factor authentication, reducing unauthorized access attempts by 95 %. Implemented role-based access control (RBAC) for 5+ user roles, enhancing data security and compliance.
- Boosted deployment efficiency by 70% by containerizing the application with **Docker** and implementing **CI/CD** pipelines via **GitHub Actions**, reducing deployment time from 10 minutes to under 2 minutes.
- Enhanced user productivity by integrating AI-powered document summarization using **Gemini API**, reducing report generation time by 50 %. Deployed an interactive Chatbot assistant using **Cohere API**, resolving user queries without human intervention.

Krishi Mitra | *JavaScript, React, Tailwind, Firebase, Redux* — [GitHub](#) | [Live Demo](#)

August 2024

- Developed an agricultural marketplace using React and Firebase, enabling equipment rentals and product sales for farmers. Integrated a Cohere API powered chatbot to resolve user queries instantly, improving customer support efficiency.
- Implemented a real-time product listing system with CRUD operations using **Firebase Firestore**, improving data synchronization speed by 40 % and enabling multiple concurrent users without latency.
- Optimized state management using **Redux Toolkit**, reducing API calls by 25 % and improving app performance by 15 % through efficient caching and asynchronous operations.
- Integrated Firebase Authentication with email verification, increasing user sign-ups by 50 % and reducing fraudulent accounts by 80 %.

TECHNICAL SKILLS

Languages: C/C++, Python, Java, JavaScript, TypeScript

Backend: Node.js, Express.js, MongoDB, REST APIs, tRPC, SQL, PostgreSQL, Redis, Apache Kafka, GraphQL

Frontend: Next.js, React JS, Tailwind CSS, HTML5, CSS3

Tools: Git, VS Code, Linux, Docker, CI/CD, Github Actions, AWS EC2, Postman, Grafana, Prometheus, Loki

Coursework: Data Structures and Algorithms, Database Management, Object Oriented Programming, Operating Systems, Artificial Intelligence, Computer Networks

ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES

- **Grand finalist** (Top 42 out of 6200+ teams) in the **Hack4Change** hackathon powered by **Google** for the **Krishi Mitra** website. [🔗](#)
- **Finalist** (Top 10) in the **HackTheChain** hackathon organised by **IIIT Kota**
- Solved 1000+ problems across multiple platforms including 800+ on **Leetcode** [🔗](#), rating of 1490 on **Codechef** [🔗](#) and rating of 1140 on **Codeforces** [🔗](#)

CERTIFICATIONS

- Networking Basics - Cisco Networking Academy [🔗](#)
- Google Cloud Computing Foundations: Networking [🔗](#)