



Abhishek Singh

Bachelor of Technology

Electrical Engineering

National Institute of Technology, Patna



EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., EE	National Institute of Technology, Patna	[8.12]	[2023-2026]
Senior Secondary	Saint Joseph Convent School, Varanasi / ISC	[88.6]	[2022]
Secondary	Saint Joseph Convent School , Varanasi / [ICSE]	[91.8]	[2020]

PROJECTS

• Project A: Kaushik-Cart | Full-Stack E-Commerce Web Application



- Developed a full-stack E-Commerce web application using React (Next.js) with dynamic product listing, cart, and order management features.
- Integrated MongoDB database for secure storage of users, products, and order data with backend API handling.
- Implemented Clerk authentication and real-time user synchronization using Inngest event functions.
- Integrated Google Gemini API for AI-powered features and intelligent interactions.
- Designed a responsive and modern UI ensuring seamless experience across desktop and mobile devices.

• Project B: D-Bank | Decentralized Banking Application (Blockchain)



- Developed a decentralized banking application enabling users to securely deposit and withdraw funds using blockchain technology.
- Implemented smart contracts using Solidity and integrated MetaMask for secure wallet-based transactions.
- Designed on-chain balance management and transaction validation logic to ensure transparency and security.
- Connected frontend interface with blockchain backend for real-time interaction and seamless user experience.
- Explored decentralized deployment concepts and Web3 integration principles.

• Project C: Kaushik-Chat-Bot | AI Powered Chat Application (Golang)



- Built a backend chat application using Golang with REST API endpoints for real-time conversational interactions.
- Integrated Groq API to generate AI-powered responses with secure environment-based API key handling.
- Implemented user-based chat history management with concurrency control using mutex locks.
- Structured JSON request-response models for efficient API communication.
- Deployed the application using Render with Git-based CI/CD workflow.

SKILLS

- **Programming Languages :** [Html,Css,JavaScript,React || C++ For DSA || FrameWorks:Node Js,EJS,Flask,Jinja, Website Temporary Hosting : Postman,Render,Vercel, Database : MongoDB,PosgreSql and Blockchain Solidity , Backend : GO LANG, Node.js,NestJS,Flask,Spring,SolidJS (can be SSR),Next.js (API routes / full-stack),GameDev : CSharp Basics]
- **Technologies :** [Webd2,DSA,Webd3 || BlockChain]

ACHIEVEMENTS

- LeetCode 500+ Problems,1450 Rating (Max) </>
- CodeChef 50+ Problems,1310 Rating </>
- Actively Participated in ByteVerse and SIH Hackathon's
- CompleteD Udemy Mern,Blockchain Courses & received Certification's