Arpit Kumar

✉ arpit0112ak@gmail.com | 📞 +91 9199473527 | 🌐 Portfolio | ⧉ GitHub | in LinkedIn

Education

B.Tech, Computer Science and Engineering, Indian Institute of Information Technology, Una   2023–Present

Experience

Inter-College Hackathon – Participant, IIIT Una   Mar 2025
- Worked in a team of 5 to design and prototype a web application within 24 hours.
- Implemented features using JavaScript, HTML, CSS, and Node.js, focusing on usability and performance.
- Collaborated with peers from multiple colleges, enhancing problem-solving and teamwork skills.

BuildFolio Hackathon – Participant, Unstop Platform   Jul 2025
- Built a portfolio website showcasing projects, skills, and achievements under time constraints.
- Integrated responsive design, smooth navigation, and deployed the site for public access.
- Learned to manage end-to-end development lifecycle in a competitive hackathon environment.

Projects

SmartDocAI (Academic Project)   2024
⧉ GitHub Repo
- Built an AI-powered document assistant specifically designed to assist individuals with SLDs.
- Integrated EasyOCR for image-to-text and Whisper for voice transcription.
- Developed with Streamlit, providing real-time OCR, speech-to-text, and text-to-speech capabilities.
- Optimized pipelines for deployment on Streamlit Cloud, ensuring smooth performance and accessibility.

AIChatX (Self Project)   2025
⧉ GitHub Repo
- Built a full-stack, real-time chat platform using Gemini conversational AI with JWT-based security and responsive WebSocket communication.
- Designed a secure compiler module that internally spins up Node.js servers for real-time code execution in browser.
- Implemented scalable REST APIs with WebSocket communications for JWT-authenticated React UIs backed by MongoDB.

Book Store Web App (Self Project)   2025
⧉ GitHub Repo
- Built a full-stack MERN application for managing book inventory, orders, and users.
- Implemented role-based authentication with Firebase and secure RESTful APIs.

Technical Skills

Programming Languages: C, C++, Python, JavaScript, HTML
Frameworks & Libraries: React.js, Node.js, Express.js, Next.js, Tailwind CSS, Vite, Streamlit, LLMs
Databases & Cloud: MySQL, MongoDB, AWS
Tools & Platforms: Git, GitHub, Postman, VS Code, Streamlit Cloud, AWS (basic services)
Operating Systems: Windows, Linux

Positions of Responsibility

Member, Force Coding Club, IIIT Una   Sep 2023 – Aug 2025
Member, Career Development Cell (CDC), IIIT Una   Jan 2024 – Aug 2025

Achievements

- Secured **Top 5/250+ teams** in Intercollege Hackathon, organized at IIIT Una (2025).
- Achieved **Top 3 rank** in BuildFolio Website Hackathon, organized on Unstop (2025).
- Member, Career Development Cell (CDC), IIIT Una – Coordinated with HRs and recruiters to bring companies for campus placements and internship drives (2025).
- Participant, Tug of War – Yalgaar (Intra-college Fest): Showcased teamwork and coordination (2024).
- Completed Node.js, Express, MongoDB & More Bootcamp (Udemy, Jonas Schmedtmann) (2025) $\rightarrow$