

Education

Indian Institute of Information Technology Nagpur (IIIT Nagpur) BTech in Computer Science Engineering, Roll no: BT22CSE036	Nov 2022–July 2026
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Experiences

Software Developer Intern, Hitachi India Pvt. Ltd., Nagpur, Maharashtra	July 2025 – Present
<ul style="list-style-type: none">Contributed to the development and optimization of Single Line Diagrams (SLDs) to support power system visualization and analysis.Conducted extensive research on IntervalZero RTX64 Real-Time Operating System (RTOS) to assess integration potential with industrial automation systems.Collaborated on building web based IT solutions for Steel Manufacturing Industries - DPS (Digital Permit System), RCTMS (Roll Coolant Tank Monitoring System), PTMS (Pickling Tank Monitoring System), TTMS (Truck Turnaround Monitoring System), and ICQIS (Intelligent Coating Quality Improvement System).Worked with senior engineers to analyze technical requirements, implement modular software components, and ensure cross-platform reliability.	
FullStack Developer Intern, Payatu Security Consulting Pvt. Ltd., Pune, Maharashtra	May 2025 – Jun 2025
<ul style="list-style-type: none">Collaborated in a 20-member team to build core modules for a security platform targeting 10,000+ enterprise users.Developed responsive Next.js+ SCSS interfaces, cutting load times by 35%. Created 10+ interactive data visualizations using charting libraries.Built and optimized MySQL-backed APIs, improving backend speed by 40%. Contributed to production code with 90% test coverage, following secure coding and agile practices.Built responsive interfaces using Next.js and SCSS, reducing page load times by 25% and improving frontend maintainability.	

Academic Projects

AI Content Generator App	link
Next.js, Clerk, Drizzle ORM, PostgreSQL, Tailwind CSS, TypeScript, Razorpay, Google Gemini API	
<ul style="list-style-type: none">Developed a modern AI-powered content generation platform using Next.js and TypeScript, enabling users to create high-quality content 70% faster than traditional methods.Engineered a seamless authentication and user management system with Clerk, improving user onboarding efficiency by 50%. Designed and implemented a scalable backend with Drizzle ORM and PostgreSQL, supporting 17+ dynamic content templates and handling 10,000+ monthly content generations.Integrated Razorpay for secure, real-time subscription payments, increasing user conversion rates by 35%. Built a responsive, mobile-first UI with Tailwind CSS, achieving a 98% Lighthouse performance score and ensuring accessibility across all devices.Leveraged the Google Gemini API for advanced AI content creation, delivering 99.9% uptime and robust, real-time content delivery. Implemented a user dashboard with real-time usage tracking, billing management, and content history, enhancing user engagement and retention by 40%.	
BookStore – Personalized Book Collection	link
React(+Vite), Tailwind CSS & Daisy UI, Node.js, Express.js, MongoDB, JWT tokens, bcrypt.js, Multer, Dotenv, CORS	
<ul style="list-style-type: none">Built a responsive full-stack book management platform with 15+ modular UI components and fast Vite-powered builds.Developed RESTful APIs with Express.js for 7+ endpoints supporting CRUD operations and user auth via JWT & bcrypt.js.MongoDB with Mongoose for schema validation across 3+ collections. Integrated Multer for secure image uploads.Ensured robust security (JWT, CORS) and scalable architecture demonstrating end-to-end MERN proficiency.	
Pass Vault – Password Manager	link
React (+Vite), Tailwind CSS, Node.js, MongoDB, Framer Motion	
<ul style="list-style-type: none">Built a secure, full-stack password manager for 150+ users with encrypted credential storage.Used MongoDB for securely storing user passwords with schema validation and fast retrieval.Optimized modular CRUD APIs reducing operation time by 40%.Designed an engaging UI with Framer Motion, boosting user engagement by 30%. Ensured security via hashed storage and protected routes.	

Skills

Languages: C/C++, Java, JavaScript (ES6+), Typescript, HTML, CSS (Tailwind CSS, SCSS), Java, Python, XML
Frameworks & Libraries: React.js (Vite), Next.js, Node.js, Express.js, Bootstrap, Drizzle ORM, Clerk, Redux, Django
Databases: MongoDB, MySQL, PostgreSQL
Cloud & DevOps: Vercel, Netlify, Docker, Kubernetes, CI/CD Pipelines, GitHub Actions
Payment & API Integrations: Razorpay, Google Gemini API, RESTful APIs
Tools, Platforms & Technologies: Git, GitHub, VS Code, Drizzle Studio, Postman, AutoCAD, Android Studio, Agile, Scrum