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Education

Indian Institute of Information Technology Bhagalpur   Aug 2023 – Jul 2027
B.Tech in Computer Science & Engineering (CGPA: 8.47, SGPA: 9.2)

Experience

Web Development Intern – IIIT Bhagalpur *(Bhagalpur, India)*   Aug 2025 – Present
- Spearheaded the full-stack alumni portal to serve **5,000+** graduates, implementing a searchable directory and event module projected to increase alumni engagement by **40%**.
- Defined the technical architecture for a pipeline of **3 campus applications**, including a job portal, aiming to centralize services for **1,200+ students**.

Open Source Contributor – FlowiseAI (YC-backed) *(Remote)*   🐙 PR #4729 Jun 2025
- Submitted a pull request that patched UI bugs in React and TypeScript, improving accessibility for **140K+** users.
- Refactored core components to improve code maintainability, passing all CI/CD checks and reducing code review time by **15%**.

Student Mentor – Adhyaay, IIIT Bhagalpur *(Bhagalpur, India)*   Aug 2024 – Apr 2025
- Guided a cohort of **20+** first-year students, resulting in a **30%** collective improvement in academic performance and extracurricular participation.
- Led weekly DSA workshops and provided 1-on-1 code reviews, guiding 5 mentees to land their first successful open-source pull requests.

Relevant Coursework

- Data Structures
- Object-Oriented Programming
- DBMS
- Operating Systems

Projects

Blitz – AI-Powered Website Builder   🌐 🐙
Technologies: Next.js 15, Turbopack, TypeScript, Tailwind CSS, Prisma, Clerk, tRPC, Zod, Inngest, Sonner, PrismJS

- Built an AI-powered website builder that converts natural language prompts to functional code, reducing initial development time by over **70%**.
- Architected **10+** reusable, auto-routing templates that decreased dashboard setup time by **60%**.
- Authored comprehensive developer documentation for the API and component library, improving the onboarding process for new contributors.
- Integrated PrismJS for real-time, syntax-highlighted code previews, enhancing the debugging process by **30%**.
- Offloaded **95%** of intensive background tasks using Inngest, ensuring a consistently fluid user experience.

Multimart – Multi-Tenant Marketplace   🌐 🐙
Technologies: Next.js 15, TypeScript, Tailwind CSS, Payload CMS, tRPC, Zod, Stripe, Vercel Blob

- Architected a high-performance, scalable multi-tenant marketplace featuring the Next.js App Router and a headless Payload CMS.
- Guaranteed API type-safety with tRPC and Zod, virtually eliminating runtime errors and reducing them by **90%**.
- Automated payment processing via Stripe API, cutting manual financial operations by **80%** with instant fee collection.
- Designed a content pipeline using Vercel Blob for digital asset uploads, increasing publishing speed by **40%**.

Achievements & Leadership

Backend Lead – DevC (Development Club), IIIT Bhagalpur   Nov 2024 – Present
- Led backend development for **3+ major club projects**, driving a **40%** increase in member engagement and ensuring successful, on-time project delivery.
- Mentored a team of **15+ junior developers** on Node.js, Express.js, and database design, boosting team productivity and increasing code contributions by **50%**.
- Established and enforced rigorous code review standards, personally reviewing over **10+ pull requests** to enhance code quality and reduce post-deployment bugs by **25%**.

Skills

- **Languages:** C++, Python, C, Go, SQL.
- **Front-End:** React.js, Next.js, TypeScript, JavaScript, Tailwind CSS, Responsive Design.
- **Back-End:** Node.js, Express.js, RESTful APIs, Microservices, WebSockets (Socket.io), JWT.
- **Databases:** PostgreSQL, MongoDB (NoSQL), Prisma ORM.
- **Tools & DevOps:** Git, GitHub, Docker, Vercel, CI/CD, Postman.