

Satyam

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Education

Indian Institute of Information Technology Bhagalpur

B.Tech in Computer Science & Engineering (CGPA: 8.47, SGPA: 9.2)

Aug 2023 – Jul 2027

Delhi Public School

Senior Secondary, CBSE (PCM) - 95.2%

Apr 2021 – May 2022

Cambridge School

Secondary, CBSE - 94.6%

Apr 2019 – May 2020

Experience

Web Development Intern – IIIT Bhagalpur (*Bhagalpur, India*)

Aug 2025 – Present

- Engineered the front-end for the IIIT Bhagalpur alumni portal, designing a responsive UI with a searchable directory and event module to serve **2,000+** graduates and boost engagement.
- Architecting a new full-stack, in-house job board to centralize career services and streamline opportunities for over **500+** students.

Student Mentor – Adhyaay, IIIT Bhagalpur (*Bhagalpur, India*)

Aug 2024 – Apr 2025

- Mentored a cohort of **20+** first-year students, driving a **30%** improvement in academic performance and active participation in coding events.
- Conducted weekly sessions and provided structured roadmaps on technical skills and version control to strengthen their development foundations.

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

Open Source Contributor – FlowiseAI (YC-backed) (*Remote*)

🔗 PR #4729 Jun 2025

- Resolved a key UI bug in dark mode by replacing hardcoded values with Tailwind CSS variables, improving tag visibility and accessibility for **140K+** monthly users.
- Implemented scoped changes across a large monorepo, ensuring full CI/CD compliance and code quality.
- Earned praise from project maintainers for a high-quality first contribution that enhanced code maintainability and theme consistency.

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.