Satyam
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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)

Delhi Public School   Apr 2021 – May 2022
Senior Secondary, CBSE (PCM) – 95.2%

Cambridge School   Apr 2019 – May 2020
Secondary, CBSE – 94.6%

Experience

Open Source Contributor – FlowiseAI (YC-backed) *(Remote)*   🐙 PR #4729 Jun 2025
- Fixed dark mode tag visibility in Marketplace, improving accessibility.
- Followed monorepo contribution standards for a smooth PR merge.
- Collaborated via GitHub and understood modular code structure.

Relevant Coursework

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

Projects

Blitz – AI-Powered Website Builder   🌐 🐙

Technologies: Next.js 15, Turbopack, TypeScript, Tailwind CSS, Prisma, Clerk, tRPC, Zod, Inngest, Sonner, PrismJS

- Built a full-stack website builder inspired by Bolt and Lovable, transforming user prompts into production-ready websites.
- Implemented prompt-to-code generation with dynamic routing, template-driven file system, and project dashboards.
- Integrated Clerk for secure authentication and middleware-based access control.
- Powered real-time syntax-highlighted previews using PrismJS and resizable panels.
- Orchestrated background tasks using Inngest, enabling seamless async generation and sandbox execution.
- Leveraged Turbopack for fast builds and deployed on Vercel with edge-ready architecture and dark mode support.

Multimart – Gumroad-Inspired Multi-Tenant Platform   🌐 🐙

Technologies: Next.js 15, TypeScript, Tailwind CSS, Payload CMS, tRPC, Zod, Stripe, Vercel Blob

- Developed a Gumroad-style multi-tenant platform using Payload CMS, tRPC, and the App Router architecture.
- Enabled custom store domains and branding per tenant using Payload's plugin-based multi-tenancy system.
- Implemented type-safe API communication via tRPC and Zod with full backend–frontend inference.
- Integrated Stripe checkout and webhook automation to support digital product transactions.
- Added rich product creation with image uploads (via Vercel Blob) and markdown editing.
- Deployed with Bun as the package manager and Vercel for edge performance and serverless scalability.

WorkWave – Job Board Platform   🌐 🐙

Technologies: Next.js 15, TypeScript, Tailwind, Prisma, Neon, Auth.js, Uploadthing, Stripe, Inngest, Arcjet, Resend

- Built a scalable job portal with OAuth (Google/GitHub) authentication and role-based onboarding.
- Automated job summary emails via Inngest, increasing engagement by 40%.
- Secured the platform using Arcjet, cutting malicious access by 90%.
- Integrated Stripe for payments with webhook lifecycle automation.
- Deployed with serverless architecture on Vercel (99.9% uptime).

Skills

- **Front-End:** React.js, Next.js, TypeScript, JavaScript, Tailwind CSS, Responsive Design, UI/UX.
- **Back-End:** Node.js, Express.js, WebSockets (Socket.io), JWT Authentication.
- **Databases:** PostgreSQL, MongoDB, Prisma ORM.
- **Tools & Testing:** Vercel, Git, GitHub, Docker.
- **Programming Languages:** JavaScript, TypeScript, SQL, C++, Python.
- **Soft Skills:** Debugging, Technical Documentation, Cross-Team Collaboration, Task Prioritization.

Achievements & Leadership

- Adhyaay, IIIT Bhagalpur (Aug 2024 – Present): Technical Mentor, Bhagalpur, India
  - Mentored 20+ students in DSA & Web Development, boosting placement readiness by 30%.
  - Managed a team of 6 members to design the Adhyaay website, reducing workload by 50% and improving response times by 2x.