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
- Resolved dark mode contrast issues, enhancing accessibility for **140K+ users**.
- Refactored UI components, reducing code review cycles by **15%**.
- Collaborated with **245+ contributors**, gaining experience in large-scale open-source architecture.

Student Mentor – Adhyaay, IIIT Bhagalpur *(Bhagalpur, India)*   Aug 2024 – Apr 2025
- Mentored **20+** students, improving academic performance and extracurricular participation by **30%**.
- Led the Adhyaay website project with a **6-member team**, reducing manual tasks by **50%** through workflow optimization and database integrations.

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 website builder converting natural language to code, reducing dev time by **70%**.
- Developed **10+** reusable templates with auto-routing, cutting dashboard setup by **60%**.
- Integrated Clerk for secure authentication, preventing unauthorized access.
- Added real-time syntax-highlighted previews with PrismJS, improving debugging by **30%**.
- Offloaded **95%** of background tasks using Inngest, ensuring a smooth UX.
- Accelerated builds with Turbopack and Vercel, reducing deployment time by **40%** and maintaining Lighthouse scores above **92**.

Multimart – Multi-Tenant Marketplace   🌐 🐙

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

- Built a scalable multi-tenant marketplace using Payload CMS and Next.js App Router.
- Implemented type-safe APIs with tRPC + Zod, reducing runtime errors by **90%**.
- Streamlined Stripe payments with instant 10% fee collection, cutting manual tasks by **80%**.
- Improved content publishing speed by **40%** with markdown editors and Vercel Blob uploads.
- Optimized performance using Bun and Vercel Edge, achieving Lighthouse scores of **95/100** (mobile) and **98/100** (desktop).

WorkWave – Job Board Platform   🌐 🐙

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

- Launched a role-based job portal with OAuth-based authentication.
- Boosted user retention by **35%** by implementing scheduled job summary emails with Inngest.
- Reduced malicious traffic by **90%** using Arcjet threat protection.
- Integrated Stripe for seamless subscription billing, ensuring **100%** successful payments.
- Optimized performance to achieve **99** Performance and **100** SEO/Best Practices scores on Lighthouse.

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.
- **Languages:** JavaScript, TypeScript, SQL, C++, Python.
- **Soft Skills:** Debugging, Documentation, Cross-Team Collaboration, Task Prioritization.