

Satyam

Nalanda, Bihar, India 803117

✉ satyam45.dev@gmail.com



+91 6299692538



linkedin.com/in/satyam-code45



github.com/satyam-code45

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

Relevant Coursework

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

Projects

WorkWave – Job Board Platform



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

- 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.
- Enabled rich job posts and secure uploads via Tiptap and Uploadthing.
- Deployed with serverless architecture on Vercel (99.9% uptime).

TechTok – Personalized AI Chat with Tech Influencers



Technologies: Next.js 15, TypeScript, Tailwind CSS, Prisma, Clerk Auth, OpenAI, Vercel

- Built a dynamic platform simulating real-time conversations with tech YouTubers powered by OpenAI & Gemini APIs.
- Fetched and streamed AI responses styled with influencer-specific prompts to deliver personalized chat experiences.
- Integrated Clerk Auth for secure OAuth sign-in and role-based access to protected content and sessions.
- Enabled markdown-powered UI with code formatting, syntax highlighting, and adaptive light/dark modes.
- Engineered scalable backend with Prisma + PostgreSQL, supporting rapid prompt storage and user interaction logs.
- Deployed on Vercel with incremental static regeneration and global edge delivery for sub-100ms TTFB.

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, Redis, Prisma ORM.
- **Tools & Testing:** Vercel, Git, GitHub, RabbitMQ, Docker, CI/CD pipeline.
- **Programming Languages:** JavaScript, TypeScript, SQL, C++, Go.
- **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
- Smart India Hackathon – Internal round winner (Top 10)
- Solved 100+ coding problems on platforms like LeetCode, GFG, Codeforces