

Priyanshu Paul

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EDUCATION

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| • VIT Bhopal University | Sept'23 – May'27 |
| <i>Bachelor of Technology - Computer Science Engineering (AI&ML)</i> | CGPA: 9.20/10 |
| Faculty Higher Secondary School, Guwahati, Assam | Mar'22 |
| • Higher Secondary (Class: XII) - Science (PCM[B]) | Grade: 95.8% |
| Faculty Higher Secondary School, Guwahati, Assam | Mar'20 |
| • High School (Class: X) - CBSE | Grade: 96.4% |

SKILLS SUMMARY

Languages:	C++, Java , Python
Development:	HTML, CSS, JavaScript, React.Js, React Native, Node.Js, TailwindCss, Next.Js
Databases:	PostgreSQL, Prisma , MongoDB
Tools:	GitHub, Postman, Vercel, AWS
AI/ML Technologies:	GenerativeAI, Gemini/Open AI
Core CS Fundamentals:	Data Structures, Algorithms, OOP, Database Management
Soft Skills:	Leadership, Team Management, Public Speaking

EXPERIENCE

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| • ANTERiX Club — VIT Bhopal University | Nov'24 - Mar'25 |
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- Student Developer
- Official Club Website Development: Designed, developed, and deployed the official club website with a responsive mobile-first architecture and interactive components to promote space science learning.
 - Event Management System: Engineered an event management system that streamlined registrations and delivered space-science insights through an interactive learning interface, improving overall user engagement.
 - Dynamic Content Enhancement: Enhanced engagement by implementing dynamic content rendering, modern UI components, and improved accessibility for faster, more responsive user interactions.
 - Technologies Used: **HTML, CSS, JavaScript, GitHub** — [Visit](#)

PROJECTS

- **SensAI - Complete AI-Powered Career Ecosystem:** Engineered a scalable AI-driven career platform with automated resume optimization, ATS scoring, and intelligent feedback workflows. Integrated an AI voice interview system (VAPI) for real-time mock interviews and upgraded 1-on-1/group communication using Stream API, achieving a **24% latency reduction**. Built automated dashboards with Inngest and generated dynamic user-specific roadmaps via React Flow. Implemented secure authentication and payments using Clerk and Stripe for production-ready reliability.
Technologies: **Next.js, React.js, PostgreSQL, Prisma, VAPI, Stream API, Inngest, Stripe, React Flow**.
[Demo / GitHub](#)
- **Signalist - Real-Time Stock Market Platform:** Developed a financial analytics platform with real-time stock and crypto tracking using Finnhub and CoinGecko APIs. Implemented polling for live candlestick updates and built a multi-currency crypto converter. Engineered automated Inngest workflows for personalized watchlist alerts and daily market news emails. Designed interactive TradingView charts with responsive UI and integrated Better Auth for authentication with MongoDB for data persistence.
Technologies: **Next.js, TypeScript, MongoDB, Finnhub API, CoinGecko API, Inngest, Nodemailer, Better Auth, TradingView, Shadcn UI, TailwindCSS**. — [Demo / GitHub](#)

PUBLICATIONS

- **IEEE Research Paper:** — *Network Coding for Fault-Tolerant Transmission of Biomedical Data*
Published peer-reviewed paper in IEEE Xplore under IC3 2025, showcasing enhanced biomedical data transmission security with **20% higher fault tolerance**. Presented findings at the International Conference on Intelligent Control, Computing and Communications (IC3) — (Oct'24 – Feb'25) — [View](#)

ACHIEVEMENTS

- **Finalist — Dawn of Code Hackathon** (Organised by Unigoal & Bhopal Municipal Corporation) **Sept'25**
Ranked in Top 40 among 300+ teams (1200+ participants) by engineering an AI-powered LMS platform (**SpecTrum**) with Dual Mode learning, boosting productivity by **40%**. Developed and optimized a scalable backend using **AWS S3, API integrations**, and load balancing for enhanced reliability and performance. — [Visit](#)
- **Chief Minister's Award, Assam** **Oct'22**
Recognized by the State Government for outstanding academic performance in Class 12 (CBSE). — [View](#)

VOLUNTEER EXPERIENCE

- **President — ANTERiX Club, VIT Bhopal University** **Jan'25 – Sept'25**
Led and managed a 60+ member team with a growth-oriented mindset, driving inclusive leadership, strategic initiatives, and measurable club-wide engagement.