

Priyanshu Paul

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EDUCATION

- VIT Bhopal University** Sept'23 – May'27
 - Bachelor of Technology - Computer Science Engineering (AI&ML)* 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:** Java, C++
- Development:** HTML, CSS, JavaScript, React.Js, TailwindCss, Next.Js
- Databases:** PostgreSQL, PrismaORM
- Tools:** GitHub, Postman, Vercel, AWS
- AI/ML Technologies:** GenerativeAI, Gemini/Open AI API
- Core CS Fundamentals:** Data Structures, Algorithms, OOP, Database Management
- Soft Skills:** Leadership, Team Management, Public Speaking

EXPERIENCE

- ANTERiX Club — VIT Bhopal University** Nov'24 - Mar'25
 - Student Developer Role*
 - Official Club Website Development:** Developed and deployed an official club website with a responsive, mobile-first design and interactive features to promote space science learning.
 - Event Management System:** Streamlined event registrations and delivered space science insights through an interactive learning platform, enhancing the overall user experience.
 - Dynamic Content Enhancement:** Improved user engagement by implementing dynamic content rendering and modern UI components for better accessibility and responsiveness.
 - Technologies Used:** HTML, CSS, JavaScript, GitHub

PROJECTS

- SensAI - Complete AI-Powered Career Ecosystem (Full-Stack Production Application):** Developed a scalable career platform with AI resume optimization, ATS scoring, and automated feedback. Integrated AI voice interview (VAPI) for real-time mock interviews and Stream API for 1-on-1/group calls reducing latency by **24%**. Created automated dashboards (Inngest), dynamic roadmap generator (React Flow), and secure payments (Stripe) with Clerk authentication. **Technologies:** Next.js, React.js, PostgreSQL, Prisma, VAPI, Stream API, Inngest, Stripe, React Flow.
- Netflix - Reimagined (API-based Fetch Project):** Built a movie recommender platform using TMDB API to fetch trailers, clips, and related metadata with intelligent search functionality. Designed responsive UI and implemented dynamic recommendation logic for improved discoverability. **Technologies:** HTML, CSS, JavaScript, TMDB API.

PUBLICATIONS

- IEEE Research Publication:** *"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**

ACHIEVEMENTS

- Finalist — Dawn of Code Hackathon** (Organised by Unigoal & Bhopal Municipal Corporation) Sept'25
 - Ranked in Top 40 among 300+ teams (1200+ participants) by developing an AI-powered LMS platform (**SpecTrum**) with Dual Mode learning, enhancing productivity by up to **40%**.
 - Engineered scalable backend with **AWS S3, API integrations**, and load balancing for high performance and reliability.
- Chief Minister's Award, Assam** Oct'22
 - Recognized by the State Government for outstanding performance in Class 12 (CBSE) Board Examinations.

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.