

Priyanshu Paul

LinkedIn: @priyanshupaul
Github: github.com/priyanshu09102003

Email: paulpriyanshu704@gmail.com
Mobile: +91-6003789845

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:** C++, Java , Python
- Development:** HTML, CSS, JavaScript, React.Js, TailwindCss, Next.Js
- Databases:** PostgreSQL, Prisma
- 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

- ANTERiX Club — VIT Bhopal University** Nov'24 - Mar'25
 - 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](#)
- Netflix - Reimagined (API-based Project):** Developed a movie recommendation platform using TMDB API to fetch and render trailers, metadata, and related content. Designed a responsive interface and optimized fetch logic to enhance discoverability and minimize load times. Implemented real-time search, dynamic routing, and modular components for a seamless user experience.
Technologies: HTML, CSS, JavaScript, TMDB API. — [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**

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.