

Priyanshu Paul

LinkedIn: @priyanshpaul

Github: github.com/priyanshu09102003

Email: paulpriyanshu704@gmail.com

Mobile: +91-6003789845

EDUCATION

- | | |
|--|------------------|
| • 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 |
| • <i>Higher Secondary (Class: XII) - Science (PCM[B])</i> | Grade: 95.8% |
| • Faculty Higher Secondary School, Guwahati, Assam | Mar'20 |
| • <i>High School (Class: X) - CBSE</i> | 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 |
| • <i>Student Developer Role</i> | |
| ◦ 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.*