

Priyanshu Paul

LinkedIn: @priyanshpaul

Github: github.com/priyanshu09102003

Email: paulpriyanshu704@gmail.com

Mobile: +91-6003789845

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 |
| • <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:	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

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| • ANTERiX Club — VIT Bhopal University | Nov'24 - Mar'25 |
| • <i>Student Developer</i> | |
| ○ 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

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| • 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

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| • IEEE Research Paper: — <i>Network Coding for Fault-Tolerant Transmission of Biomedical Data</i> | |
| 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

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| • 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

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| • 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. | |