

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 |
| • <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

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| • 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

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| ○ 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

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| ○ 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

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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 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

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