

# Priyanshu Paul

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## EDUCATION

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|--|------------------|
| • <b>VIT Bhopal University</b>   | Sept'23 – May'27 |
| <i>Bachelor of Technology - Computer Science Engineering (AI&amp;ML)</i> | CGPA: 9.20/10    |
| • <b>Faculty Higher Secondary School, Guwahati, Assam</b>                | Mar'22           |
| <i>Higher Secondary (Class: XII) - Science (PCM[B])</i>                  | Grade: 95.8%     |
| • <b>Faculty Higher Secondary School, Guwahati, Assam</b>                | Mar'20           |
| <i>High School (Class: X) - CBSE</i>                                     | Grade: 96.4%     |

## SKILLS SUMMARY

<b>Languages:</b>	Java, C++
<b>Development:</b>	HTML, CSS, JavaScript, React.Js, TailwindCss, Next.Js
<b>Databases:</b>	PostgreSQL, PrismaORM
<b>Tools:</b>	GitHub, Postman, Vercel, AWS
<b>AI/ML Technologies:</b>	GenerativeAI, Gemini/Open AI API
<b>Core CS Fundamentals:</b>	Data Structures, Algorithms, OOP, Database Management
<b>Soft Skills:</b>	Leadership, Team Management, Problem Solving, Public Speaking

## EXPERIENCE

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

## PROJECTS

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|---|
| ○ <b>SensAI - Complete AI-Powered Career Ecosystem (Full-Stack Production Application):</b> 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 <b>24%</b> . Created automated dashboards (Inngest), dynamic roadmap generator (React Flow), and secure payments (Stripe) with Clerk authentication. <b>Technologies: Next.js, React.js, PostgreSQL, Prisma, VAPI, Stream API, Inngest, Stripe, React Flow.</b> |
| ○ <b>Netflix - Reimagined (API-based Fetch Project):</b> 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. <b>Technologies: HTML, CSS, JavaScript, TMDB API.</b>  |

## PUBLICATIONS

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| ○ <b>IEEE Research Publication:</b> "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 <b>20% higher fault tolerance</b> . Presented findings at the International Conference on Intelligent Control, Computing and Communications (IC3). |

Oct'24 – Feb'25

## ACHIEVEMENTS

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| • <b>Finalist — Dawn of Code Hackathon</b> (Organised by Unigoal & Bhopal Municipal Corporation) — <b>Sept'25</b>   |  |
| ○ Ranked in Top 40 among 300+ teams (1200+ participants) by developing an AI-powered LMS platform ( <b>SpecTrum</b> ) with Dual Mode learning, enhancing productivity by up to <b>40%</b> . |  |
| ○ Engineered scalable backend with <b>AWS S3, API integrations</b> , and load balancing for high performance and reliability.   |  |

## VOLUNTEER EXPERIENCE

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