

PRIYANSHU PAUL

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 @Priyanshu-Paul |  /Priyanshu-Paul

Computer Science student specializing in AI & ML, skilled in full-stack development, Generative AI and problem solving, with hands-on experience in building AI-driven applications and leading technical projects.

EDUCATION

Bachelor of Technology , VIT Bhopal University Computer Science Engineering (AI & ML) CGPA: 9.20/10	Sept'23 - Sept'27
Higher Secondary School (XII) , Faculty Higher Secondary School, Guwahati, Assam Science(PCB(M)) - CBSE Grade: 95.8%	Mar'22
High School (X) , Faculty Higher Secondary School, Guwahati, Assam CBSE Grade: 96.4%	Mar'20

SKILLS

- **Programming Languages:** Java, C++
- **Frontend Development:** HTML5, CSS, JavaScript, React.js, Next.js, Tailwind CSS
- **Backend & Databases:** PostgreSQL, Prisma ORM
- **Tools & Platforms:** Git, GitHub, Postman, Vercel
- **AI/ML Technologies:** Generative AI, Gemini/OpenAI API
- **Core CS Fundamentals:** Data Structures, Algorithms, OOP, Database Management
- **Soft Skills:** Leadership, Team Management, Problem Solving, Public Speaking

EXPERIENCE

Frontend Developer (Student Role) VIT Bhopal University <i>ANTERiX Space & Aviation Club</i>	Nov 2024 - Mar 2025 <i>Bhopal, India</i>
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- Developed an official club website serving the students with responsive design and interactive features for learning about space science.
- Streamlined event registrations, delivered space science insights, and created an interactive learning platform for students.
- Improved user engagement by implementing dynamic content display and mobile-first design approach
- Technologies - HTML, CSS, JavaScript, Github [\[Visit Here\]](#)

PROJECTS

❖ SensAI - Complete AI-Powered Career Ecosystem | *Full-Stack Production Application*

- Built a comprehensive career platform with AI resume optimization, ATS scoring, and automated improvement suggestions.
- Integrated AI voice interview system (VAPI) for real-time mock interviews with instant feedback on any topic.
- Developed video conferencing suite (Stream API) supporting 1-on-1 calls, group meetings, and scheduling features
- Created automated industry dashboard (Inngest) generating weekly market insights and trends analysis
- Implemented dynamic roadmap generator (React Flow) for interactive skill learning paths and career guidance
- Deployed with secure payments (Stripe), authentication (Clerk), and scalable PostgreSQL database architecture
- **Technologies:** Next.js, React.js, PostgreSQL, Prisma, VAPI, Stream API, Inngest, Stripe, React Flow
- **Try it Here :** [SensAI - Your AI-Powered Career Coach](#)

❖ **Netflix - Reimagined** (*An API - Fetch Project*)

Developed an API based project of a movie recommender system, that can fetch movies using the API and can also fetch all the related trailers, clips, descriptions and other related information. Acts like a recommender system with a dynamic search functionality

- **Technologies** : HTML, CSS, JavaScript, TMDB API (for fetching movies)
- **Try it Here** : [Netflix-Reimagined](#)

CERTIFICATIONS

- **Cloud Computing Certification** | NPTEL - IIT Kharagpur | **SILVER + ELITE Status**

Duration: 12 Weeks | Focus: AWS, Cloud Architecture, Distributed Systems

[\[View Certificate\]](#)

ACHIEVEMENTS

❖ **IEEE Research Publication**

Oct'24 - Feb'25

"Network Coding For Fault-Tolerant Transmission Of Biomedical Data"

- **Authored and published** peer-reviewed research paper in IEEE Xplore database
- **Presented findings** at International Conference on Intelligent Control, Computing and Communications (IC3)
- **Contributed to biomedical data transmission security** improving fault tolerance by **20%**
- **Conference:** IC3 2025 | Feb 13-14, 2025 | **Status:** Published in IEEE Xplore
- **Paper Link** : [\[Visit Here \]](#)

❖ **President | ANTERiX Club , VIT Bhopal University**

Jan'25 - Sept'25

Lead a 60+ member team, organizing stargazing events, expert lectures, and hands-on workshops to promote space education and exciting space events. [\[View Appointment Letter\]](#)

LANGUAGES

English (Fluent), Hindi (Fluent), Assamese (Fluent), Bengali (Native), French (Conversational)