

Asmi Vats

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Education

VIT, Bhopal B.Tech in Computer Science and Engineering GPA: 9.10	Bhopal, Madhya Pradesh	Sep 2022 – May 2026
Goethals Public School (12th Std) Percentage: 91.2%	Bhagalpur, Bihar	July 2021
DAV Public School (10th Std) Percentage: 95.2%	Bhagalpur, Bihar	July 2019

Technical Skills

- Programming Languages: C++, JavaScript, TypeScript, HTML/CSS, React JS, Next JS, Tailwind, Node JS
- Tools & Technologies: MySQL, MongoDB, Git

Work Experience

Full Stack Intern, OS Code	Aug 2024 – Dec 2024
• Developed and optimized a Learning Management System (LMS) using MongoDB, Cloudinary, Node.js, and React, improving load time by 20% and enhancing user experience.	
• Engineered an intuitive Admin Panel that linked backend APIs to the React frontend, facilitating real-time data synchronization reducing response times during administrative tasks by 30 seconds per query.	

Projects

Quick News Digest (Full Stack)	June 2025
• Built VS Code extension with using Gemini API to auto-generate code comments, reducing documentation time by 70%.	
• Improved comment relevance by dynamically adjusting Gemini's prompts based on code type.	
• Automated project setup with Typescript and Yeoman, cutting configuration time by 80%.	

Hire Easy (Full Stack)	Nov 2024 – Dec 2024
• Built a hiring platform using React, TypeScript, Node.js, MongoDB, and Twilio, connecting 100+ job seekers with employers.	
• Enabled real-time communication by integrating Twilio for direct HR-to-candidate phone sessions facilitating 300+ real-time phone sessions and decreasing the time-to-hire by 15 days.	

Flow Tracker – Women's Health & Cycle Tracker (Full Stack)	May 2025 – June 2025
• Designed and implemented a full-stack hormonal health tracker with React (TypeScript) and Hono backend, using Prisma ORM to manage database interactions for user cycle data.	
• Deployed edge-optimized backend on Cloudflare Workers (Hono + Prisma) and frontend on Vercel, achieving sub-100ms response times in global testing and 99.9% projected uptime.	
• Delivered personalized health insights by analyzing user-input cycles, improving wellness awareness via a responsive UI.	

Position of Responsibility

- **Technical Team Lead (Software Development Club)** Sep 2023 – Jan 2025
Conducted a workshop and a hackathon with 50+ participants, fostering collaboration and innovation.
- **Technical Team Lead (MetaVersity Club)** Nov 2024 – April 2025
Guided technical team of 8 members using 3D virtual world technology for a treasure hunt event.
- **Content Team Lead (Meraki Fine Arts Club)** Dec 2023 – Ongoing

Achievements

- Awarded UG scholarship from Reliance Foundation, was in the top 5000 out of 100,000 participants.
- Selected as one of 500 participants for the Ericsson Edge Academia Program, gaining exclusive access to advanced training modules and networking opportunities with Ericsson engineers.

Certifications

- 100xdevs Full Stack Web Development Course