

# Asmi Vats

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## Education

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

<b>Full Stack Intern, OS Code</b>	Aug 2024 – Dec 2024
<ul style="list-style-type: none"><li>Developed and optimized a Learning Management System (LMS) using MongoDB, Cloudinary, Node.js, and React, improving load time by 20% and enhancing user experience.</li><li>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.</li></ul>	

## Projects

<b>Quick News Digest (Full Stack)</b>	June 2025
<ul style="list-style-type: none"><li>Built VS Code extension with using Gemini API to auto-generate code comments, reducing documentation time by 70%.</li><li>Improved comment relevance by dynamically adjusting Gemini's prompts based on code type.</li><li>Automated project setup with Typescript and Yeoman, cutting configuration time by 80%.</li></ul>	

<b>Hire Easy (Full Stack)</b>	Nov 2024 – Dec 2024
<ul style="list-style-type: none"><li>Built a hiring platform using React, TypeScript, Node.js, MongoDB, and Twilio, connecting 100+ job seekers with employers.</li><li>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.</li></ul>	

<b>Flow Tracker – Women's Health &amp; Cycle Tracker (Full Stack)</b>	May 2025 – June 2025
<ul style="list-style-type: none"><li>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.</li><li>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.</li><li>Delivered personalized health insights by analyzing user-input cycles, improving wellness awareness via a responsive UI.</li></ul>	

## Position of Responsibility

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