Asmi Vats

Phone: +917482009445 | Email: asmivats15@gmail.com | LinkedIn: /in/asmivats | GitHub: github.com/AsmiVats

Education

VIT, Bhopal	Bhopal, Madhya Pradesh	Sep 2022 – May 2026
B.Tech in Computer Science and Engineering GPA: 9.16		

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, Docker

Work Experience

Full Stack Intern, OS Code   Aug 2024 – Dec 2025

- Developed and optimized a Learning Management System (LMS) to handle 500+ concurrent users 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   May 2024 – June 2024

- Developed a React website with News API, Node.js and TypeScript backend to provide concise news updates.
- Combined features for user-friendly and efficient information retrieval. Cut average user reading time from 5 minutes to 2 minutes (60% reduction) by integrating AI summarization (Summarize API), increasing daily active users by 40%.

Hire Easy   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   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.
- Was among the top 500 students selected for the Ericsson Edge Academia Program.

Certifications

- 100xdevs Full Stack Web Development Course