Asmi Vats

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Education

VIT, Bhopal B.Tech, Computer Science and Engineering GPA: 9.16	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

Work Experience

Full Stack Intern, OS Code — Aug 2024 – Dec 2025

- 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 which reduced response times during administrative tasks by 30 seconds per query.

Projects

Quick News Digest — May 2024 - June 2024

- Developed a React website with Node.js and TypeScript backend to provide concise news updates.
- Integrated News API and Summarize API to deliver brief, time-saving news updates.
- Combined features for user-friendly and efficient information retrieval, reducing user reading time by 60%.
- Link and Results: https://github.com/AsmiVats/BitNews

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.
- Link and Results: https://github.com/AsmiVats/hireatease

Flow Tracker-Women's Health & Cycle Tracker — May 2025 - June 2025

- Built 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, ensuring low-latency global access.
- Delivered personalized health insights by analyzing user-input cycles, improving wellness awareness via a responsive UI.
- Link and Results: flow-tracker-seven.vercel.app

Technical Skills

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

Position of Responsibility

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

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.
- Solved 600+ questions, preferred in C++ language.