Shreenu Sutar

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EDUCATION

Vellore Institute of Technology (Bhopal)   Sept 2022 – May 2026
Bachelor of Technology in Computer Science and Engineering   *Bhopal, India*

TECHNICAL SKILLS

Languages: C++, C#, JavaScript, Python
Web Development: React.js, Next.js, TypeScript, Tailwind CSS, Javascript, Node.js, Express.js, REST APIs
Database & Cloud: MySQL, MongoDB, Firebase, AWS, Vercel, Netlify, Supabase
Dev Tools & Version Control: Git, Docker, Visual Studio Code, Postman, GitHub, GitLab
CS Fundamentals: Data Structures & Algorithms, OOPs, Operating Systems, DBMS, Computer Networks

PROJECTS

Careerly – Job Portal Platform | *React.js, Node.js, Express.js, MongoDB, Tailwind CSS, JWT Auth*
- Supports 1,000+ job seekers and 200+ recruiters with secure role-based dashboards.
- Enables students to browse 500+ listings and track 2,000+ applications in real-time.
- Streamlined recruiter workflows to manage 300+ postings and review applicants efficiently.
- Delivered a responsive UI achieving 95% accessibility and ¡1s page load time.

Air Quality Prediction | *Python, Pandas, Scikit-learn, Matplotlib*
- Engineered regression models that forecast AQI with 92% accuracy on real-world sensor data.
- Preprocessed 98% of noisy data streams, improving model reliability for daily predictions.
- Built 10+ visualizations with Matplotlib to highlight pollutant trends and seasonal patterns.
- Benchmarked models to reduce latency, enabling real-time air quality forecasting.

CERTIFICATIONS

Gen AI (IBM) – Completed IBM Generative AI certification, gaining expertise in AI fundamentals, large language models (LLMs), prompt engineering, NLP workflows, and responsible AI applications.

Full Stack Developer MERN (Smartbridge) – Earned MERN Stack Developer certification, demonstrating ability to design and deploy full-stack web applications with responsive UIs, secure backends, and database integration.

Node.js Developer Path (MongoDB) – Earned MongoDB & Node.js Developer certification, demonstrating expertise in designing scalable databases, developing RESTful APIs, and integrating Node.js applications with MongoDB for full-stack solutions.

ACHIEVEMENTS

- Coordinated and managed **200+ participants** as a volunteer in VIT Cultural Fest'24, ensuring smooth planning and execution of events.
- Achieved **2nd Runner-Up** in the Kabaddi Tournament at VIT Bhopal Vivaan 2024.

POSITION OF RESPONSIBILITIES

- Community Manager of **Fraternity Young Innovators Club** (2024–2025) — Led and organized events including Vivaan'25, handling a community of 1500+ members. Managed end-to-end event planning and technical coordination.
- Core member of **Odia Club** (2023–2025) — Led the planning and organization of cultural and club activities, ensuring smooth coordination for 500+ members and 1500+ participants.