

SUHANI MALANI

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Education

Vellore Institute of Technology, Bhopal

B.Tech in Computer Science Engineering

Aug 2023 – May 2027

CGPA: 8.72

Excellence H S School

Class 12 (Higher Secondary)

2022

Percentage: 90.4%

ST. Thomas School

Class 10 (Secondary)

2020

Percentage: 92.6%

Projects

PlanMyTrip | HTML/CSS, JavaScript, React.js, Firebase, Cloud Firestore | GitHub

October 2025

- Developed a responsive **frontend** travel planning application enabling users to create personalized itineraries, browse destinations, and organize travel plans efficiently.
- Designed reusable UI components and implemented interactive features using **React.js**, **JavaScript**, **HTML**, and **CSS** to deliver a seamless user experience.
- Built itinerary planning, destination recommendation, and budget planning modules with a focus on usability, responsiveness, and intuitive navigation.

DevOps Cost Manager | AWS Lambda, Amazon EC2, Amazon EBS, Python | GitHub

January 2026

- Developed a serverless **Cloud Automation** solution using AWS Lambda and Python to monitor Amazon EC2 instances and associated Amazon **EBS snapshots**.
- Implemented resource auditing using the AWS SDK (Boto3) to identify outdated snapshots by cross-referencing **EC2 instances** with EBS volumes.
- Automated cloud resource analysis to identify and remove EBS snapshots that were no longer needed, helping reduce unnecessary storage costs.

Experience

Social Winter of Code

Jan 2025 – Feb 2025

Open Source Developer

- Contributed features, bug fixes, and performance improvements to multiple front-end and full-stack **open-source** repositories using **Git/GitHub** workflows such as pull requests, reviews, and issue tracking.
- Collaborated with distributed teams to write clean, maintainable code and improved documentation and code quality for **300+** community users.
- Ranked **49 out of 300+** contributors based on commits, issues resolved, and overall project impact.

Eureka Club VIT Bhopal

July 2024 – Jan 2025

PR and Outreach Team Member

- Coordinated** registrations, scheduling, and end-to-end logistics for multiple technical events and workshops, ensuring smooth execution for **200+** participants.
- Planned and executed outreach and promotional strategies through **social media** and campus networks, significantly increasing student engagement and event participation.
- Collaborated with **cross-functional** teams including design, technical, and management members to streamline operations, resolve issues quickly, and deliver well-organized events.

Technical Skills

Languages: **HTML/CSS**, **SQL**, **JavaScript**, **C++**, **Java**

Tools and Technologies: **GitHub**, **Git**, **AWS**, **React.js**, **Firebase**, **Cloud Firestore**

Core Concepts: **OOP**, **DSA**, **DBMS**, **Operating Systems**

Achievements and Leadership

- Selected for **Ericsson Edge Academia Program** among **Top 700 out of 16000+** participants across multiple countries.
- Secured **Gold Certifications** in two NPTEL courses, ranking among the **Top 1% and Top 2%** of learners nationwide.
- Maintained **700+** GitHub contributions through **open-source collaboration** and personal projects.