

Bhumika Patil

A curious and driven second-year Computer Science Engineering student from NIT Surat, eager to explore diverse technologies and solve real-world problems. Passionate about learning and experimenting, with a keen interest in gaining professional experience to enhance my technical and personal growth.

Projects

Finacoaster-Hackathon Project (VJTI Hackaurora)

Dec 2024 - Present

- Developed a finance web app during a 24-hour hackathon.
- Implemented user authentication with Node.js and Express.js.
- Integrated REST APIs to fetch and display real-time financial news.
- Created an interactive dashboard with Chart.js visualizations.
- Future Plans: Improve data visualizations, and gamification, and expand financial features.

Real Estate Manager

- Oct 2024 - Nov 2024
- Developed a real estate management system with a Python Tkinter GUI, allowing users to manage properties, clients, and transactions.
- Designed an E-R diagram and implemented a relational database model with key tables to store property, client, and transaction details.
- Developed features for inserting, updating, and deleting properties, as well as managing favorites for users to save preferred properties.

Astrolite (<https://final-web-wonders-2.vercel.app/>)

July 2024 - Aug 2024

- Satellite Tracker: Tracks live satellite positions using Satellite.js for real-time updates.
- Solar System Data: Displays detailed information about the solar system with engaging CSS animations.
- Intersection Observer API: Optimizes frontend performance by triggering animations only when elements are in view during scrolling.

Educational Background

Sardar Vallabhbhai National Institute of Technology

Computer Science and Engineering

2023-2027

CGPA: 8.95 (till 2nd Sem)

Maharashtra Higher Secondary School Certificate Examination (12th)

2023

Percentage : 91.5%

Maharashtra Secondary School Certificate Examination (10th)

2021

Percentage : 92%

Contact

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<https://github.com/bhumika-8>

Skills

- C++
- Java
- Python(with Tkinter for GUI development)
- HTML
- CSS
- JavaScript
- Node.js
- Express.js
- REST API
- MySQL
- MongoDB
- DSA
- OOP

Campus Engagement

ACM (Association for Computing Machinery)

- A global organization dedicated to advancing computing as a science and profession.
- Position: Executive

GDGC (Google Developer Groups Community)

A community of students passionate about technology and development, focusing on learning and building projects.

- Position: Junior Developer

Renesa (Media Publication House)

- The official media publication house of the college, focusing on student-led content creation and publishing.
- Position: Junior Editor