

VIRAL VAGHELA

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EDUCATION

B.Tech, Computer Science, VIT Bhopal University
CGPA: 8.34

Oct 2022 – Dec 2026 (Expected)

12th CBSE, Shri Gujarati Samaj A.M.N School, Indore
Percentage: 94%

Jun 2021 – Apr 2022

10th CBSE, Shri Gujarati Samaj A.M.N School, Indore
Percentage: 93%

Jun 2020 – Apr 2020

TECHNICAL SKILLS

Programming: C, C++, Java, Python, HTML, CSS, JavaScript, SQL

Technologies and Frameworks: React.js, Express.js, Node.js, FastAPI, Bootstrap, Django, MongoDB, PostgreSQL

Developer Tools: Git, GitHub, Figma, Canva, Chrome DevTools

Concepts: Machine Learning (Basics), Prompt Engineering, Cloud Basics, UI/UX

PROJECTS

Settlit — HTML, CSS, JavaScript, Node.js, Express.js, Responsive Design

Sep 2023 – Oct 2023

- Designed and deployed a collaborative expense management web app that supported group-based tracking for over 50+ student users during testing.
- Developed a responsive interface using HTML, CSS, and JavaScript, ensuring consistent layout rendering across 5+ browser and screen size combinations.
- Created backend routes with Node.js and Express.js for real-time entry logging, enabling over 100+ simulated transactions and persistent group sessions.
- Enhanced visual design and usability by applying prompt-generated branding elements and optimizing key user flows based on peer feedback.

Basic E-commerce Website — HTML, CSS, JavaScript, Node.js, Express.js

Jul 2024 – Ongoing

- Engineered a simulated e-commerce platform featuring a responsive product catalog, secure shopping cart, and streamlined checkout, integrating 20+ items across 4 distinct categories, to enhance user experience.
- Refactored frontend into 8+ modular components, improving development speed and reducing duplication in JavaScript codebase.
- Developed RESTful APIs using Node.js and Express.js to simulate user login, product data management, and order processing across 3 routes.
- Designed a clean, accessible layout using CSS Grid and Flexbox to accommodate varying product lengths and screen resolutions for mobile and desktop.

ACHIEVEMENTS

- Solved 300+ DSA questions on LeetCode, GeeksforGeeks, and HackerRank.
- Cleared Smart India Hackathon (SIH) college-level rounds in 2023 and 2024.
- Led teams of 5–8 members in technical exhibitions and EPICS-based projects.