VISHAKHA SHARMA

Vadodara, Gujarat

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EDUCATION

B.Tech - Computer Engineering	**July 2023 - Present**
Pandit Deendayal Energy University, Gandhinagar	CGPA - 9.96/10 (4th Sem)
Class XII	**Apr 2021 - May 2023**
Delhi Public School Vadodara	Percentage - 95.8 %
Class X	**Apr 2019 - Mar 2023**
Delhi Public School Vadodara	Percentage - 96 %

INTERNSHIPS

AI & Data Analytics Virtual Internship (Green Skills)　　　　　　**Jul 2025 – Aug 2025**

Edunet Foundation | AICTE | Shell India Markets Pvt. Ltd.

- Gained hands-on experience in Python, data preprocessing, visualization, and predictive analytics.
- Applied machine learning concepts to analyze datasets and derive actionable insights for green energy and sustainability solutions.

PERSONAL PROJECTS

h2Atlas – Hydrogen Infrastructure Mapping Tool　　　　　　**August 2025**

React | Leaflet.js | GeoJSON Data | Multi-Criteria Analysis

- Built an interactive map-based tool to optimize hydrogen plant locations using demand, renewable sources, and transport data.
- Added dynamic weight sliders for flexible multi-criteria evaluation.
- Integrated geospatial datasets for visualization and sustainable infrastructure planning.

FormCraft - Dynamic Form Builder　　　　　　**July 2025**

React | Tailwind CSS | Node.js | Express | MySQL | Groq API

- Built a dynamic, AI-powered form builder with drag-and-drop UI, predefined templates, and built-in validations
- Enabled form editing, sharing, and secure user authentication.
- Designed a responsive and intuitive interface to streamline custom form creation and management.

TECHNICAL SKILLS

Languages: C, C++, Java, JavaScript, Python
Technologies: Express.js, React.js, Node.js, MySQL, TailwindCSS, CSS, HTML, Canva, Adobe Photoshop
Developer Tools: Linux, Git, GitHub, Visual Studio Code, Postman
Computer Fundamentals: Data Structures and Algorithms, DBMS, OOPs, Operating System, Computer Network

LEADERSHIP AND RESPONSIBILITIES

- **Graphic Designing Head, Brahmand (Astronomy Club, PDEU)**
  Led design projects merging technology and art to create visually engaging content for events, social media, and branding initiatives.
- **Civic and Social Service Internship (CSSI Rural Internship)**
  Volunteered to teach more than 50 underprivileged children, fostering education and digital literacy.

CERTIFICATIONS

- Data Analytics Job Simulation – Deloitte (via Forage)
  Completed: May 30, 2025
- React Basics – Meta (via Coursera)
  Completed: June 29, 2025