DEV SHAH

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EDUCATION

Bachelor of Engineering, G H Patel College of Engineering and Technology   **2021-2025**
*Information Technology | **CGPA : 9.09***

Class 12th Boards | 87.3%   **2021**

JEE-Mains | 93.72 %tile   **2021**

KEY SKILLS

C++ | Python | JavaScript | TypeScript | Java | C# | .NET | React | NodeJS | PL/SQL | MongoDB | SCSS

Data Structures and Algorithms | Operating Systems | Machine Learning | OOPS | DBMS | Git & GitHub

EXPERIENCE

Full-Stack Intern   **May 2025**
ShiftNext

- Developed a responsive Visitor Management System interface with features such as pagination and **live webcam capture**, resulting in a **50% reduction in average check-in time** and improved **initial page load speed by 30%**, enhancing performance for **150+ daily visitors**.
- Contributed to the development of **scalable backend APIs** and dynamic frontend components for a **multi-tenant** Hospital Information System, utilizing ASP.NET and React for robust and efficient performance.
- Performed **database migrations** to ensure data integrity and accommodate schema changes, resulting in **10% reduction in storage usage**.

Web Development Intern   **May 2024**
Tatvasoft

- Collaborated in creating a platform for community engagement and support, facilitating event organization and member communication.
- Engineered a scalable and high-performance backend solution using **ASP.NET** and **PostgreSQL**.

ACHIEVEMENTS

- Achieved academic distinction by securing the **highest SGPA** in the **IT branch** for the **3rd semester** and maintaining the **highest CGPA** through the **6th semester**.
- Led a team to the **International Collegiate Programming Contest (ICPC) Regionals**, demonstrating problem-solving and teamwork.
- Achieved a peak rating of **1571** on **CodeChef**, demonstrating strong skills in algorithmic problem-solving by solving **more than 200 problems**.

PROJECTS

ChatPulse – A Modern Chat App ([GitHub](#))

- Developed a real-time chat application using the **MERN stack** and **Socket.IO**, enabling instant **one-on-one and group** messaging with **message delivery latency under 200ms**.
- Integrated **authentication** and **authorization** mechanisms while enabling **infinite scrolling** for effortless navigation through message histories efficiently.

ZenithStore – An E-Commerce Store with Admin Dashboard ([GitHub](#)) ([Live Link](#))

- Developed a full-stack e-commerce platform using MERN stack, integrating vital functions like product management, user authentication, and **payment processing**.
- Utilized **Redux** for streamlined state management, ensuring smooth data flow and scalability.
- Developed an intuitive admin dashboard with **real-time charts** and **summaries**, enabling performance tracking and inventory insights.