

Shivanshu Patel

✉ shivanshupatel2004@gmail.com ☎ 8881921897 📁 Portfolio in LinkedIn 🐙 GitHub

EDUCATION

KIET Group of Institutions

B.Tech in Computer Science and Engineering

CGPA: 7.6

Ghaziabad, India

Sept. 2023 – Aug 2027

Lucknow Public School

Senior Secondary Education

Percentage: 78%

Lucknow, India

May 2020 – March 2022

Lucknow Public School

Secondary Education

Percentage: 86%

Lucknow, India

May 2018 – March 2020

PROJECTS

Page Turn | React, Tailwind CSS, Docker, MongoDB

<https://github.com/Shivanshupatel16/PageTurn> 

- Designed and built a microservices-based book marketplace allowing users to buy and sell books at minimal prices, ensuring affordability and wide accessibility
- Developed core services including **User Service**, **Book Listing Service**, **Order Service**, and **Payment Service**, each deployed in isolated Docker containers
- Integrated **Razorpay** to enable secure and seamless payment processing within the platform
- Implemented robust **authentication and role-based access control**, allowing differentiated user flows for buyers, sellers, and admins
- Utilized **Docker** and **Nginx** for efficient container orchestration and reverse proxying, streamlining deployment pipelines

EMS Portal | React, Tailwind CSS, MongoDB

<https://github.com/Shivanshupatel16/EMS-Portall> 

- Developed a full-stack **Employee Management System** allowing secure storage and management of employee data with a clean, responsive UI
- Implemented **role-based authentication** enabling distinct dashboards and permissions for employees and administrators
- Enabled employees to apply for leave requests, which can only be **approved or rejected by admins**, ensuring hierarchical workflow control
- Built reusable and modular UI components with **React** and styled them using **Tailwind CSS** for seamless user experience

Portfolio Website | React, Tailwind CSS, Vercel

<https://github.com/Shivanshupatel16/Portfolio> 

- Created a responsive and fast-loading portfolio website to showcase projects, skills, and achievements
- Applied performance optimizations such as **lazy loading**, image compression, and **minimal render reflows**
- Deployed on **Vercel** with automated build optimizations for enhanced speed and reliability

ACHIVEMENTS

- Participated in **Innotech 2024** with the topic “*Sustainable Solutions for Viksit Bharat*”, proposing an eco-centric reporting and resolution platform for civic issues.
- Solved **200+** **problems** on LeetCode, enhancing data structures and algorithms proficiency.
- Solved **400+** DSA problems across various platforms, demonstrating strong problem-solving and algorithmic skills.

TECHNOLOGIES

Languages: C , C++, SQL (MySQL, MongoDB), JavaScript, HTML/CSS

Technologies/Frameworks: React, TailwindCSS, Docker, Express

Developer Tools: Git, Postman, Ubuntu,Vercel, VS Code