DIPEN PATEL

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INTRODUCTION

Fourth-year computer science student with experience in development and programming. Proficient in Python and learning JavaScript, with extensive knowledge of design, front-end development, and database management. Hands-on project experience with MERN stack and Django development. Visit my personal website at www.alynor.wiki and my portfolio at dipen.alynor.wiki.

EDUCATION

B.Tech, Computer Science and Engineering Jul 2021 - May 2025
Parul University, Vadodara, Gujarat 8.60 CGPA
Parul Institute of Technology
Relevant coursework: Data Structure and Algorithms, Object Oriented Programming with CPP, Operating Systems, Professionalism & Corporate Ethics, Azure Fundamentals, Discrete Mathematics

TECHNICAL SKILLS

Programming: Python, JavaScript
Frontend Technology: HTML, CSS, React.js
Backend Technology: Node.js, Express, Django
Database: MySQL(SQL)
Digital and Design Tools: Figma, Canva, Gimp 2.10, Blender, GitHub, Porkbun, ngrok
Technologies Worked With: MongoDB(NoSql), PostgreSQL

PROJECTS

District Integrated Dashboard (SSIP statement) (https://github.com/DOodle25/DID-django) Feb 2024 - Oct 2024
Led team of 3 to design and develop a website for Mehsana government initiatives data analysis and visualization.

- Shaped a dynamic front (7+ pages) for a government site to display information regarding ongoing Undertakings.
- Interactive data visuals (10+) using Chart.js, allowing to switch between multiple charts for seamless data analysis.
- Developed interactive maps (8+ district) to guide users through the current district progress and viable information.
- Deployed public demo to test functionality and scalability with high user count with Django over 13,850+ logs.

Code Canvas (https://github.com/ProjectCodeCanvas) Mar 2024 - Present
Participated in a team effort to create a model for Component Distribution via user contributions in 12+ languages.

- Designed and Developed a responsive React-based 8+ pages web application and reactive JSX functionalities
- Facilitated user-contributed components in languages including HTML5, CSS3, JavaScript, React, Angular etc.(5+)
- worked with Passport js for login and signup (2+) and node + express for server side Database + API calls.

Sync UP (https://github.com/DOodle25/SyncUP) Sep 2024 - Present
Enabled server-pinning for message sync and live messaging in a 1-person project, ensuring reliable performance.

- Dynamic and responsive UI with React, enhancing user experience with smooth navigation and real-time updates.
- Organized channels for communication, message threading, member invites, and channel management.
- Implemented OTP-based email verification with Nodemailer for secure user authentication and onboarding.

CERTIFICATIONS

NPTEL- Software Engineering (Elite) Jul 2023 – Oct 2023

- Trained in Software Development LifeCycle, software design and deployment, UML diagrams etc.

NPTEL- Data Analytics with Python (Silver + Elite) Jan 2024 – Apr 2024

- Learned important topics regarding data analysis and importance of data and making decisions.

ACADEMIC ACTIVITY

- DSA enthusiast who likes to participate in programming challenges, earning multiple achivements on Leetcode.
- Engaged in 5+ hackathons such as OdooCombat-2024, MLH, solving complex coding problems under pressure.
- Completed Harvard's CS50 and CS50 Web courses, expanding expertise in web-dev and app-dev.