

Jayesh Patel

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Summary

Detail-oriented Computer Science and Engineering student with experience in web development, mobile development, and data analysis. Seeking to leverage technical skills and strengths in a challenging role.

Education

Parul University

B.Tech in Computer Science and Engineering

Vadodara, Gujarat, India

2021 - 2025

Current CGPA: 7.04 (up to 6th semester)

Experiences

WRTeam

PHP Developer Intern

May 2024 – June 2024

Remote

- Developed and maintained 1 web applications using PHP.
- Assisted in integrating front-end and back-end systems.
- Improved code quality and performance, resulting in a 50%+ reduction in files needed for dynamic fetching, leading to significant space and code line savings.

CodSoft

Python Programming Intern

May 2024 – June 2024

Remote

- Developed 5 Python applications showcasing user management, game logic, security features, arithmetic operations, and task management.
- Implemented 3 new features improving application robustness by 30%

CodSoft

Data Science Intern

May 2024 – June 2024

Remote

- Conducted data analysis on 5 datasets, generating a total of 55 visualizations using Pandas, Matplotlib and Seaborn.
- Built predictive models achieving 85%+ accuracy.

CodSoft

Flutter Developer Intern

June 2024 – July 2024

Remote

- Developed 4 cross-platform applications using Flutter.
- Implemented various features and functionalities, enhancing user engagement and app usability.
- Conducted code reviews and optimized app performance.

Projects

Portfolio | CSS, JavaScript, Tailwind CSS, Vite, React

[GitHub](#) | [Live demo](#)

- Created a personal portfolio showcasing various projects and skills.

Hindu Scriptures | HTML, CSS, JavaScript, Express.js, Node.js, Google Gemini 1.5 Pro Model API (for web)

[GitHub](#) | [Live demo](#)

- A platform for searching Hindu scriptures, featuring full-text searches, translations, although mainly focused on original language.
- Implemented AI Search using Google's Gemini 1.5 Pro Model API.
- Utilized URL rewriting functionality to enable seamless translation from Sanskrit or

any Devanagari script to various languages using Google Translate.

Hindu Scriptures | *HTML, CSS, JavaScript, Java (for android, using WebView technology)*

Recipe App | *Flutter*

[GitHub](#)

- Created an application to browse recipes using the Flutter framework.
- Implemented features for searching, filtering, and viewing recipes with a user-friendly interface.

Crop Recommendations App | *Python's Flask, HTML, CSS, JavaScript, jQuery AJAX, Google Gemini 1.5 Pro Model API*

[GitHub](#) | [Live demo](#)

- Developed an app to recommend crops based on location using Flask and Google's Gemini 1.5 Pro Model API.
- Considered weather, soil types, nutrients, sunlight, pests, water requirements, and more for recommendations.

Weather App | *Python's Flask, HTML, CSS, JavaScript, Plotly, OpenWeatherMap and Tomorrow.io API*

[GitHub](#) | [Live demo](#)

- Built a web app to provide real-time weather data and forecasts using Flask.
- Users can input location data in various formats via a jQuery AJAX-based form.
- Created interactive hourly and minutely forecast plots with Plotly.

Nutrient Recommendations App | *Python's Flask, HTML, CSS, JavaScript, jQuery AJAX, Google Gemini 1.5 Pro Model API*

[GitHub](#) | [Live demo](#)

- Created an app to provide personalized nutrient recommendations using Flask.
- Gathered user inputs (age, gender, height, weight, etc.) via a jQuery AJAX-based form.
- Generated daily nutrient and caloric intake recommendations with additional health tips.

CRM Dashboard | *HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS, Node.js, Chart.js, React Context API*

[GitHub](#) | [Live demo](#)

- Developed a responsive CRM Dashboard using React.js, Next.js, and Tailwind CSS with dark/light theme toggle.
- Displayed key performance indicators using dynamic charts, progress stats, and a time selector for data filtering.
- Managed state and theme with React Context API for seamless user experience across page.

Technical Skills

Programming Languages: Python, Java, C, C++, JavaScript, PHP

Frontend Development: HTML, CSS, Tailwind CSS, React, Vue.js, AngularJS, Next.js

Backend Development: NodeJS, ExpressJS, MongoDB, SQL

Technologies/Frameworks: Flask, Django, Flutter, Git, GitHub, Vite

Tools & Platforms: Command Prompt, PowerShell, Terminal, VS Code, Android Studio, Linux

Multimedia: Video Editing, Photo Editing

Productivity: Presentation, Spreadsheet, Word Processing, Automation Tools

Additional Areas of Expertise: Data Science, Cybersecurity

Certificates

[PHP Developer](#)

[Python Programming](#)

[Data Science](#)

Flutter Developer

Data Analytics with Python

Soft Skills

Analytical Skills, Research Skills, Problem Solving, Attention to Detail, Time Management, Adaptability, Communication, Teamwork, Leadership