

# VAIBHAV MODI

## Developer

Dewas, Madhya Pradesh - 455001

## Portfolio

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## Summary

An aspiring Software Engineer specializing in Application and Web-App Development. Proficient in HTML, CSS, JS, jQuery, Bootstrap, API and handling backend as well. Optimized API response time by 5% during an internship and built a AI powered web-application. Certified in Generative AI and API Fundamentals. Seeking an opportunity to apply a strong foundation in **Web**, **DSA** and **SDLC** to create innovative and scalable digital experiences.

## Experience

### COSMIC 365AI – Associate Cosmic Intern

Jul 2025 – Dec 2025

- Optimized API performance by implementing caching mechanisms and database indexing, resulting in a 5% reduction in response time for high-traffic queries.
- Applied practical SDLC and debugging expertise by executing structured project assignments, which improved task ownership and adherence to corporate development standards.
- Contributed to project delivery by executing critical front-end tasks, including handling web platform content and conducting data validation, while actively coordinating within an Agile and remote team environment.

## Projects

### Destination Delight (Travel Web Platform) | *HTML, CSS, JS, Python, APIs* | [Link](#)

- Built and deployed a comprehensive travel-centric web platform, Destination Delight, designed to assist travel enthusiasts with curated insights and smart planning.
- Integrated the OpenAI API and other RESTful APIs to power various AI-based utility tools for an enhanced user travel companion experience.
- Individually handled the design, development, testing, and bug fixes to ensure a fully responsive UI/UX Design and reliable deployment across devices.
- Leveraged strong Web Development and Async Programming skills to create an intuitive interface featuring destination highlights and user-contributed travel blogs.

### Descriptive AI (GPT Powered Text Generator) | *Python-Flask, Streamlit, NLP* | [Link](#)

- Engineered an AI-powered web application leveraging the GPT-2 language model via Hugging Face Transformers to generate rich, context-aware textual descriptions from user input.
- Implemented the end-to-end development lifecycle (design, backend, frontend, testing, deployment) for the application, working within a team of three.
- Developed a robust backend using Python (Flask) for model integration and processing, coupled with an intuitive frontend using Streamlit for seamless user interaction.
- Key Skills Demonstrated: Machine Learning, Transformers, Fine Tuning, GPT Models, Python - Flask, Streamlit.

## Technical Skills

**Languages:** C, C++, Python, JavaScript (ES6+), SQL, Java (Basics)

**Web Technologies:** HTML5, CSS3, React.js, Bootstrap, jQuery, ScrollReveal

**Developer Tools:** Git/GitHub, VS Code, Postman

**Core Concept:** Data Structures & Algorithms (DSA), OOP, DBMS, Rest APIs

**Cognitive skills:** Communication, Problem Solving, Debugging, Teamwork, Quick Learner

## Education

• <b>Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore</b>	2022-2026
Bachelor of Technology, Computer Science – GPA 7.59/10	
• <b>Government Model Higher Secondary School, Dewas</b>	2022
Class XII, (Senior Secondary) – Percentage: 87.60%	
• <b>Government Model Higher Secondary School, Dewas</b>	2020
Class X, (Secondary) – Percentage: 93.33%	

## Certification

- Accenture Developer & Technology Job Simulation (Forage)
- AWS Cloud Quest: Generative AI Practitioner
- Introduction to SQL (Datacamp)
- Cloud Computing (NPTEL)