Yatish Jobanputra

Python/PHP coder | Web Developer | Prompt Engineer

Mail | WhatsApp | LinkedIn | GitHub | Portfolio | Researches

EXPERIENCE

Freelance Full-Stack Web Developer at DP Dhara Pendavala (May 2025 – July 2025)

- Developed a full-stack website using core PHP and MySQL, handling cart and order flow using PHP sessions.
- Created a custom front-end with HTML, CSS, and JavaScript, ensuring a mobile-friendly UI without frameworks.
- Integrated WhatsApp Business API for sending automated order confirmation messages to customers.
- Deployed the website on shared hosting, configured domain, SSL, and ensured smooth live performance.

Walmart USA Advanced Software Engineering Virtual Experience Program on Forage - July 2025

- Completed the Advanced Software Engineering Job Simulation where I solved difficult technical projects for a variety of teams at Walmart.
- Developed a novel version of a heap data structure in Java for Walmart's shipping department, showcasing strong problem-solving and algorithmic skills.
- Designed a UML class diagram for a data processor, considering different operating modes and database connections.
- Created an entity relationship diagram to design a new database accounting for all requirements provided by Walmart's pet department.

Tata Group Data Analytics Job Simulation on Forage - July 2025

- Completed a job simulation involving AI-powered data analytics and strategy development for the Financial Services team at Tata IQ.
- Conducted exploratory data analysis (EDA) using GenAI tools to assess data quality, identify risk indicators, and structure insights for predictive modeling.
- Proposed and justified an initial no-code predictive modeling framework to assess customer delinquency risk, leveraging GenAI for structured model logic and evaluation criteria.
- Designed an AI-driven collections strategy leveraging agentic AI and automation, incorporating ethical AI principles, regulatory compliance, and scalable implementation frameworks.

AWS APAC Solutions Architecture virtual experience program on Forage - June 2025

- Designed and simple and scalable hosting architecture based on Elastic Beanstalk for a client experiencing significant growth and slow response times.
- Described my proposed architecture in plain language ensuring my client understood how it works and how costs will be calculated for it.

Deloitte Australia Data Analytics Job Simulation on Forage - June 2025

- Completed a Deloitte job simulation involving data analysis and forensic technology
- Created a data dashboard using Tableau
- Used Excel to classify data and draw business conclusions

EDUCATION

2025 – 2028(pursuing)
B.Tech Computer Science & Engineering, Sigma university-Vadodara

2022 - 2025
Diploma computer Engineering, Atmiya university-Rajkot

2019 – 2022
10th schooling, Krishna public school-Amreli

SKILLS

Python	PHP	MySQL
AI prompt engineering	HTML	CSS
Logic Development		

ACHIEVEMENTS & WORKSHOPS

- Taught 4 certified Junior Expert sessions:
  - Python Programming Basics (x2): Covered syntax, logic, and mini projects.
  - Cybersecurity Awareness (x2): Topics included digital hygiene, phishing, and network safety.
- Conducted a detailed lab on cybersecurity: "The True Side of Hacking: Inside the Zero-Day Market."
  - Explored real-world examples of zero-day exploits and ethical hacking principles.
  - Educated peers about dark web markets, risk awareness, and ethical boundaries.
- Acknowledged by peers and faculty for engaging delivery and hands-on style.

PUBLICATIONS & RESEARCH

- Dynamic Advertisement Overlay (DAO): A Region-Aware Green Screen Framework for Personalized In-Frame Video Advertising: Read from Here
- L2MP: A Logic-Layered Modular and Memory-Preserving AI Framework: Read from Here
- Zero Day Threat Analysis Using Prompt Engineering and AI Agents: A Framework for Autonomous Cyber Defense: Read from Here

CERTIFICATIONS

- Walmart Advanced SE Simulation – Forage [View](#)
- Tata IQ Data Analytics Simulation – Forage [View](#)
- Deloitte Forensics & Data Analytics Simulation – Forage [View](#)
- AWS Solutions Architecture Simulation – Forage [View](#)

PROJECTS

Dynamic Ad Overlay System – AI-Ready Video Ad Engine
Tech: Python, OpenCV, NumPy
[GitHub](#)

- Built a real-time dynamic overlay system to inject ads into video streams (live or recorded).
- Enabled configurable positioning, transparency, and rotation of ad banners on any video.
- Designed with AI integration in mind—scene detection and object-based triggers (e.g., show ad when ball/player appears).
- Use cases: sports broadcasts, OTT platforms, digital signage, and dynamic branding.

Full-Stack Admin Panel – PHP & MySQL CMS
Tech: PHP, MySQL, HTML/CSS, JavaScript
[GitHub](#)

- Developed a modular admin dashboard with full CRUD operations for managing products, orders, users, and content.
- Integrated real-time metrics like total orders, revenue, and user analytics with visual charts.
- Implemented secure login system, role-based access, and form validation.
- Styled with responsive layout (Bootstrap-free, inline CSS) for custom branding control.

View more projects on: [GitHub](#)