






NANDINI VADDIPALLI

Full Stack Developer | Frontend Developer | Python Developer (Fresher)

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Professional Summary

Computer Science graduate and Full Stack Developer trainee with hands-on experience in building responsive web applications using HTML, CSS, JavaScript, and Bootstrap. Proficient in backend technologies including Python, Flask, and MySQL. Skilled in Git, GitHub, REST APIs, and Agile methodologies. Eager to contribute to scalable projects and continuously grow in software development roles.

Technical Skills

- | | | |
|-------------------------|-------------------------|-------------------------------|
| • Python | • HTML | • CSS |
| • Bootstrap | • JavaScript | • Flask |
| • Github | • MySQL | • REST API |
| • Version Control (Git) | • Responsive Web Design | • Jinja2 Templating |
| • CRUD Operations | • Form Handling | • Deployment (PythonAnywhere) |

Projects

Personal Portfolio Website, Tech Stack: HTML, CSS, Bootstrap, JavaScript

- Designed and developed a **fully responsive personal portfolio website** to showcase **projects, certifications, and technical skills**.
- Implemented **modern UI design** using **Bootstrap**, scroll animations via **AOS** and **Animate.css**, **flip card components** for interactive project previews, and **modal popups** for certification display.
- Integrated a functional **contact form** using **FormSubmit** and utilized **GitHub** for **version control**.
- Deployed the site using **Vercel** to ensure fast and reliable access. The portfolio reflects a strong focus on **frontend development, clean code structure, and professional presentation** of both **technical expertise** and **extracurricular involvement**.

Zomato Home Page Clone, Tech Stack: HTML, CSS, Bootstrap

- Built a **static and fully responsive UI clone** of Zomato's homepage to sharpen **frontend development** skills.
- Used **semantic HTML5** and **Bootstrap grid system** to structure key components like **navbar, hero section, cards, and footer**.
- Applied modern **CSS techniques** for layout styling, hover effects, and visual consistency across screen sizes.
- Focused on **clean code architecture** and pixel-perfect design replication to mimic real-world web interfaces.

Ecommerce Website, Tech Stack: HTML, CSS, Bootstrap, Flask, MySQL

- Developed a **full-stack responsive eCommerce web application** supporting **user registration, authentication, and secure payment** via Razorpay integration.
- Created dynamic **product listings** with filtering, cart management, and checkout flow using Flask and MySQL.
- Implemented **backend logic**, RESTful routes, and database schema to handle orders, users, and product data efficiently.

- Designed intuitive UI with **Bootstrap** components, ensuring responsiveness across devices.
- Applied MVC architecture and integrated error handling for robust deployment.

Library Management System, Tech Stack: Python, Flask, MySQL, HTML, CSS

- Developed a **CRUD-based web application** to manage library book inventory, including add, update, delete, and search functionalities.
- Designed dynamic **HTML/CSS user interfaces** with form validation for a smooth user experience.
- Implemented **Flask routes** and **MySQL database integration** to handle server-side operations and ensure reliable data persistence.
- Applied modular coding practices to enable easy maintenance and scalability of the application.

Laptop Price Analysis, Tech Stack: Python, Pandas, Matplotlib

- Performed **data preprocessing** and **exploratory data analysis (EDA)** on a real-world laptop pricing dataset.
- Utilized **Pandas** for data cleaning, filtering, and transformation.
- Created interactive and static **data visualizations** using **Matplotlib** to uncover trends based on processor type, RAM, brand, and price ranges.
- Derived actionable insights to understand the impact of hardware specifications on laptop pricing.

Professional Experience

Python Full Stack Trainee, CODEGNAN DESTINATION	2024 – Present Vijayawada
<ul style="list-style-type: none">• Gained hands-on experience in full-stack development using Python, Flask, MySQL, HTML, CSS, JavaScript, and Bootstrap.• Built and deployed mini-projects focusing on CRUD operations, form handling, and API integration.• Collaborated with peers to define and implement real-world project features following Agile methodology.• Practiced version control using Git and GitHub for code management and team collaboration.• Participated in code reviews, debugging sessions, and live project simulations to improve software quality and deployment readiness.	

Education

Bachelor of Science (Computers), Maris Stella College	2021 – 2024 Vijayawada, India
Intermediate, Maris Stella College	2019 – 2021 Vijayawada, India

Certifications

English Access Micro Scholarship Program

Certified for successful induction and completion sponsored by U.S. Embassy.

Introduction to HTML, CSS, JavaScript

Completed Introduction to HTML, CSS, and JavaScript courses on Sololearn, gaining foundational web development skills. Certified in frontend technologies with hands-on experience.

TechBlind in TechSparks2k21

- Certified for participation in TechBlind during TechSparks2k21 held at Sri Durga Malleswara Siddhartha Mahila Kalasala.

Computer Flash Animations

Certified in Computer Flash Animations done at Maris Stella College

Python Language

Certified in Python Language done at Wright Computers.

Co-author – Research Papers Presented at NCRRACS 2024

National Conference on Recent Research Advancements in Computational Sciences (Maris Stella College & Krishna University)

- Paper 1: AI in Educational Tools – Enhancing Brain Power
- Paper 2: AI via Transformers: Enhancing Language Models Contributed to research and content preparation. Papers were presented by the team at the National Conference in February 2024.

Community & Extracurricular Activities

Martial Arts - Personal Discipline and Growth

Vijayawada, India

- Actively engaged in martial arts as an extracurricular activity, fostering enhanced discipline, mental resilience, and teamwork through consistent training.

Service Learning - Energy Conservation and Sustainability, Energy Conservation and Sustainability

- **Communication:** Demonstrated strong communication skills by effectively raising awareness and educating community members.
- **Community Engagement:** Shown by "contributing to community-based initiatives" and "direct engagement." Vijayawada, India
- **Collaboration:** Implied by "Actively participated in a service-learning program" and working within community initiatives.
- **Initiative/Proactiveness:** Indicated by actively participating and helping to raise awareness.
- **Organizational Skills:** (Implicit) in contributing to and executing a program or awareness campaign.

Community Service - Nutrition for Women

- **Excellent Communication Skills:** Demonstrated by "effectively convey information" and "engage the community."
- **Community Engagement:** Shown through "Conducted awareness campaigns" and "community engagement." Vijayawada, India
- **Health Education/Promotion:** Evident in "effectively convey information on women's nutrition and health education" and "Promoted better dietary practices."
- **Workshop Facilitation/Training:** Indicated by "Promoted better dietary practices through workshops."
- **Initiative/Proactiveness:** Implied by "Conducted awareness campaigns."

Languages

English

Full Professional Proficiency

Hindi

Limited work Proficiency

Telugu

Native/Bilingual

Soft Skills

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|-------------------|----------------|
| • Communication | • Teamwork |
| • Time management | • Adaptability |

Interests

- | | | |
|--|---|---|
| • Web Development Projects | • Frontend Development | • Volunteering & Community Service |
| • Building Full Stack Applications with Python and Flask | • Learning Emerging Technologies – AI, APIs, Deployment | • Exploring Open Source Contributions on GitHub |