Sandeep Ponugumati

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OBJECTIVE

Seeking to leverage my expertise in Python, front-end technologies (HTML, CSS, Bootstrap,JavaScript), and MySQL to contribute to the development of innovative, user-focused web solutions. Proven ability to enhance user experiences, optimize system performance, and support high-impact, collaborative projects. Strong foundation in responsive design, dynamic interfaces, database management, and clean code practices.

SKILLS

- Python
- MySQL
- HTML
- CSS
- Bootstrap
- JavaScript
- Flask
- Data Visualization

EDUCATION

Bachelor of Technology | Computer Science and Data Science Engineering 2021 – 2024
NRI institute of Technology Vijayawada
CGPA : 7.7

Diploma | Mechanical Engineering 2018 – 2021
Vikas College of Engineering and Technology Vijayawada
Percentage : 76%

SCC 2017 – 2018
S.V high school Agiripalli
CGPA : 8.3

PROFESSIONAL EXPERIENCE

Python Full Stack Trainee
Codegnan it Solutions
As a Python Full Stack Trainee at Codegnan IT Solutions, I worked on voice recognition, data visualization, and web scraping projects. I integrated voice recognition for hands-free interaction, improving accessibility. Using Matplotlib, I created interactive charts for data visualization. I also extracted and analyzed structured data from websites using BeautifulSoup. These projects enhanced my ability to combine technologies for better user experience and data interaction.

PROJECTS

Web Scraping for Hotel Booking Data Analysis

- Developed Python scraper using BeautifulSoup to extract hotel prices, availability, reviews, and amenities.
- Cleaned and stored data in MySQL for analysis, enabling competitive pricing and customer sentiment insights.

E-Commerce Website

- Developed scalable platform for browsing, purchasing, and managing products online with secure payment integration.
- Deployed on AWS to ensure high availability and seamless user experience.
- Implemented responsive design and robust security measures.

Simple notes manager

- Built web-based application for creating, viewing, updating, and deleting notes.
- Added search and categorization for easy note organization.
- Designed intuitive user interface for enhanced productivity.

Human Activity Recognition

- Implemented system to classify activities (walking, running, sitting) using sensor data.
- Utilized machine learning and deep learning models for accurate predictions.
- Focused on data preprocessing and model optimization.

LANGUAGES

Telugu   English

Hindi

CERTIFICATES

- Hacker Rank - Python basic certification 🔗
- Hacker Rank- CSS basic certification 🔗

INTERESTS

Music | Gradening | Traveling

STRENGTHS

- Problem Solving
- Active listening
- Critical Thinking
- Time Management

DECLARATION

I hereby declare that the information provided above is true and accurate to the best of my knowledge and belief.

Ponugumati Sandeep