Yeswanth Ketha

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Professional Summary

Enthusiastic and detail-oriented frontend developer with a solid foundation in HTML, CSS and JavaScript. Eager to apply learned skills in a professional setting, contribute to dynamic projects, and Continuously grow expertise in modern frontend frameworks and development methodologies.

Technical Skills

Programming Languages: Python, JavaScript

Frameworks: React, Angular, Next.js

Front-end Technologies: HTML, CSS

Professional Experience

Frontend Developer

Edunet Foundation | Feb 2025 – Apr 2025 |

- Designed and developed scalable, user-friendly web applications using Python, HTML, CSS, and JavaScript.

- Conducted comprehensive code reviews and debugging to ensure efficient and maintainable code. Optimized application performance, reducing load times by up to 60%.

Web Developer

Embrizon Technologies | Apr 2025 – Jul 2025 |

- Created and Developed integrated web apps using Frontend Technologies – HTML, CSS and JavaScript and for Backend using Python.

- Attempted Comprehensive coding tests and improve the knowlede on the maintenance of effective code by optimizing the resources.

Key Projects

Project Name: AQI Prediction

Role: Front-end Developer

- Developed a machine learning-based system to predict Air Quality Index (AQI) using historical environmental data such as PM2.5, PM10, CO, NO_2, SO_2, and O_3 levels.

- Implemented data preprocessing (handling missing values, normalization, feature engineering) and applied regression models (Linear Regression, Random Forest, XGBoost) to forecast AQI values.

- Achieved high accuracy in predictions and visualized real-time AQI trends with interactive dashboards (Matplotlib/Seaborn/Plotly). Deployed the model as a web application for user-friendly access.

Project Name: Weather Forecast App

Role: Web Developer

- Developed a responsive web application that provides real-time weather updates and 5-day forecasts using third-party APIs (e.g., OpenWeatherMap).
- Implemented features such as temperature, humidity, wind speed, and location-based forecasts with geolocation support. Designed an intuitive UI for seamless user experience and integrated data visualization for weather trends.

Project Name: Image Recognition

Role: Web Developer

- Developed an image recognition system using Python and Deep Learning to classify images into predefined categories.
- Implemented Convolutional Neural Networks (CNNs) with TensorFlow/Keras (or PyTorch) for model training and evaluation.
- Applied image preprocessing (resizing, normalization, augmentation) to improve accuracy and prevent overfitting.

Education

Bachelor of Technology | 2022 - Present |

BVSR College of Engineering
CGPA: 78%

Intermediate | 2020 - 2022 |

MSR Junior College
CGPA: 94%

SSC | 2019 - 2020 |

CPS High School
CGPA: 97%

Achievements

- Ranked among the top 5 students in academics with an aggregate of 87%.
- Earned a certification on completion of workshop on Artificial Intelligence.
- Earned an internship certificate on Machine Learning with Python.
- Earned an internship certificate on Web Development.

Interests

- Passionate about learning new technologies and exploring innovations in software development.
- Enjoy travelling to experience diverse cultures, gaining new perspectives, and improving interpersonal skills.

Personal Activities

Strengths: Self-motivated, Problem-Solving Skills and Adaptable to diverse work environments

Languages Known: Fluent in English and Telugu.