VISHWA TEJA THOUTI
B.Tech- CSE- (CORE)

Contact

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Academics

Woxsen University | Hyderabad - *2022 - 2026*

|**Bachelor of Technology - cgpa: 3.3/4**

Valley Oak Junior College| Hyderabad - 2020-2022

Percentage: 98.1%

SR prime high school | Warangal *2009 - 2018*

Schooling **- 88% Percentage**

Skills

- Python , Java
- HTML , CSS , JavaScript
- PHP , MySQL
- Data Analysis & Visualization
- Machine Learning
- React Js
- Natural Language Processing (NLP)
- Cloud Computing

Tools

- SQL & MongoDB
- Machine Learning Libraries
- Cloud Platforms (e.g., AWS for database integration)

Languages

- English - Fluent
- Telugu - Fluent
- Hindi. - Fluent

Professional Skills

- Flexible
- Planning and Coordination
- Teamwork and Collaboration

WOXSEN UNIVERSITY

Objective

A proactive and resourceful professional with a knack for simplifying complex tasks and enhancing efficiency. Skilled in problem-solving, creative thinking, and adapting to dynamic environments while managing multiple priorities. Passionate about continuous learning, collaboration, and driving organizational success through strategic decision-making and innovation.

Internship

Role : Intern – Cloud Computing, NIT Warangal

June 2023 -July 2023 | NIT WARANGAL

- Developed a Cloud Workload Turning Point Prediction model using Deep Learning to optimize resource allocation.
- Gained hands-on experience in Cloud Computing and AI-driven workload forecasting at NIT Warangal under the guidance of a professor.

Projects

Project 1- SymptoCare A Disease Prediction Application

- Developed models leveraging algorithms such as Logistic Regression, Decision Trees, and Ensemble Methods to enhance accuracy.
- Engineered a user-friendly interface for health monitoring, enabling seamless interaction for non-technical users.
- Conducted feature engineering and data preprocessing to optimize predictive performance.

Project 2 - Network Intrusion Detection System (NIDS)

- Applied techniques like anomaly detection and classification algorithms to Identify malicious activities.
- Processed network packets and extracted relevant features for threat detection.
- Implemented roal•timo monitoring to mitigate risks and enhance network security.
- Evaluated model performance using metrics like precision, recall. and Fl-score to ensure robustness.

Project 3 -AI-Based Learning Management System (LMS) with Emotional Intelligence

- Developed an AI-driven Learning Management System that personalizes learning experiences using emotional intelligence analysis.
- Integrated sentiment analysis and facial emotion recognition to assess user engagement during mock interviews and learning sessions.
- Enhanced skill development by providing real-time feedback on communication, confidence, and eye contact, improving learning outcomes.

Project 4 - MediConnect

- Built three additional predictive models using machine learning algorithms tailored to specific diseases.
- Designed and deployed a chatbot powered by Natural Language Processing (NLP) to provide interactive responses to disease-related queries.
- Integrated all models into a unified platform for comprehensive healthcare monitoring.
- Focused on usability and scalability to support broader healthcare applications.

Certifications

- 2023-10 | Python Programming Essentials – Coursera
- 2023-06 | Data Visualization with Python – Coursera
- 2023-06 | Introduction to C# Programming and Unity – Coursera
- 2023-05 | Data Analysis with Python – Coursera
- 2023-03 | Introduction to Artificial Intelligence – Coursera