UPPUNURI VASU REDDY

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Carrer Objective

Results-driven Computer Science undergraduate specializing in Artificial Intelligence and Machine Learning, with hands-on experience in building end-to-end web and AI applications. Skilled in Python, Deep Learning, and full-stack development, seeking an opportunity to contribute to real-world innovation in data-driven and scalable software solutions.

Education

Guru Nanak Institutions Technical Campus Bachelor of Technology (B.Tech) – Computer Science (AIML) Oct 2022 – Aug 2026

- GPA: 7.6/10.0
- **Coursework:** Data Structures, Machine Learning, Deep Learning, Database Management Systems, Web Development

Experience

Data Engineering Intern , PolarArc Pvt. Ltd. June 2024 – Sep 2024

- Collaborated with the data team to design and build **data pipelines** for acquiring, ingesting, and processing structured and unstructured datasets from multiple sources
- Developed scalable **data architecture and modeling** solutions to support AI-driven business intelligence applications.
- Implemented **data transformation workflows** ensuring accuracy, consistency, and compliance with governance standards.

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Technical Skills

Programming Languages: Python, Java, C++, C, JavaScript, Dart
Web Technologies: HTML, CSS, ReactJS, Django
Databases: SQL, MongoDB
Frameworks & Libraries: TensorFlow, Streamlit, OpenCV
Tools & Platforms: Git, Docker, Kubernetes, Windows, Power BI
Core Concepts: Data Visualization, Deep Learning, Data Engineering, Natural Language Processing (NLP)

Projects

Brain Tumor Detection Web App

- Developed a deep-learning web application that classifies MRI images into tumor and non-tumor categories with 95̃ % accuracy using CNN. Integrated image preprocessing and designed a user-friendly interface for real-time medical predictions.
- Tools Used: Python, TensorFlow, Streamlit, OpenCV

Ai Voice Translatator

- Built a multilingual voice-translation system that recognizes speech, translates it into the target language, and generates spoken output. Utilized NLP and text-to-speech libraries to enhance accessibility for cross-lingual communication.
- Tools Used: Python, gtts, pyttsx3,Hugging Face, Deep-trans