Adithya sai Muthavarapu

Edlapadu, Andhra Pradesh, India

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Education

Vellore Institute of Technology, Amaravati — **October 2022 - Present**

Bachelor of Technology in Computer Science and Engineering — *CGPA: 8.21/10*

Narayana Junior college,Chilakaluripeta — **June 2020 – April 2022**

Intermediate – MPC — *Percentage: 77.4%*

Narayana EM School, Edlapadu — **June 2019 – April 2020**

10th GRADE — *Percentage:89%*

Relevant Coursework

- Data Structures
- Software Engineering
- Java
- Computer Networks
- Database Management
- Python
- HTML5
- CSS
- Operating Systems
- No SQL
- Node.js
- Deep Learning
- MySQL
- React.js
- Data Analysis

Projects

Personal Portfolio Website | *HTML, CSS, JavaScript, Bootstrap, GitHub Pages* — **January 2025**

- Developed a fully responsive portfolio website using HTML5, CSS3, JavaScript, and Bootstrap to showcase technical skills, projects, and professional achievements.
- Implemented version control with Git and deployed the site on GitHub Pages for seamless continuous integration and easy accessibility.
- Designed intuitive, mobile-friendly user interfaces ensuring cross-browser compatibility and optimized performance for enhanced user experience.

Age and Gender Detection System | *Python*, *CNN*, *OpenCV* , UTKFace Dataset, Computer Vision — **September 2024**

- Developed an Age and Gender Detection System using a custom CNN model in TensorFlow and Keras, performing multi-task learning for age regression and gender classification on the UTKFace dataset.
- Engineered an end-to-end pipeline including data preprocessing, feature extraction (grayscale conversion, resizing, normalization), model training, and evaluation, achieving high accuracy in gender classification and low MAE in age estimation over 50 epochs.
- Applied real-time prediction on unseen data using OpenCV and PIL integration, visualized predictions with Matplotlib, and conducted detailed EDA with Seaborn and Pandas to analyze age and gender distribution, improving model robustness.

Stock Prediction Model | *Python, Streamlit* — **October 2023**

- Built an advanced web application using Streamlit to predict stock prices with LSTM, GRU, and TCN models, analyzing 20 years of historical data.
- Applied EWMA and Holt smoothing methods with spans of 50, 100, and 150 days, achieving a 15% increase in prediction accuracy.

Certifications

Microsoft Certified Azure AI Engineer Associate	July 2025 - Present
Microsoft Certified AZURE AI FUNDAMENTALS	July 2025 - Present
AWS Academy Cloud Foundations	September 2024 - Present
AWS Academy Cloud Architecting	JULY 2025 – Present
PCAP: Programming Essentials in Python	April 2024 - Present
Blackbuck Full Stack Development With MERN	May 2025 - Present

Programming Languages

- **JAVA**
- **PYTHON**
- **SQL**
- **Web technologies**

Languages Known

Telugu

English

Hindi

French