KOTHURU GURUNADH

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PROFILE

As an aspiring AI Engineer, I possess a genuine passion for exploring and mastering new concepts. My focus lies in AI, Data Engineering, and ML. I am enthusiastic about gaining valuable experience across diverse computer domains. I am known for my quick learning abilities and effectiveness as a team player. I am eagerly seeking enriching career prospects to contribute my skills and make a meaningful impact in the field.

EDUCATION

Amrita School of Engineering Sep 2020 - July 2024
Bachelor of Technology (Artificial Intelligence Engineering) | GPA: 7.95/10.00 *Bangalore, India*

Narayana Junior College April 2018 - April 2020
Intermediate (MPC) | GPA: 8.98/10.00 *Vijayawada, India*

Dr. KKR's Gowtham Mar 2017 - Mar 2018
High School Education | GPA: 9.8/10.00 *Vijayawada, India*

SKILLS

Technical Skills	Data Structures and Algorithms | Object-Oriented Programming | DBMS
Languages	Python | SQL
Frameworks/Libraries	Django | TensorFlow | PyTorch | scikit-learn | NumPy | OpenCV
Tools and Technologies	Power BI |Git | MATLAB | AWS
Interests	Data Science | Data Analytics | Natural Language Processing | LLMs | RAG

CERTIFICATIONS

- AWS Academy Graduate in September, 2023.
- HTML & CSS By Udemy in January, 2022.
- Reinforcement Learning Onramp by Matlab in May, 2023.

ACADEMIC RESEARCH AND PROJECTS

Image To Audio For Visually Impaired Python, Deep Learning, NLP

- Developed a system to convert images into audio captions for visually impaired individuals.
- Utilized deep learning techniques to generate descriptive audio from image inputs.

Crowd Monitoring Using Deep Learning Python, Deep Learning, Computer Vision

- Developed a fight detection system for crowd monitoring using computer vision techniques.
- Utilized deep learning models to identify and monitor crowd behavior.

eKart: E-commerce Platform AWS, HTML/CSS, JS

- Developed an online platform for shopping.
- Utilized Amazon Web Services for hosting.

Heart Disease Prediction Using Machine Learning Python, Machine Learning

- Predicted heart disease risk using machine learning algorithms.
- Analyzed features such as age, blood pressure, and cholesterol levels to assess risk.

Maze Solving Using Morphological Operations Matlab, Image Processing

- Solved mazes using image processing techniques like erosion and dilation.
- Applied morphological operations to identify the correct path through a maze.

University Course Reregistration System HTML/CSS, Django, SQL, JS

- Developed a website for University Course Reregistration.
- It simplifies and enhances the course registration process, for college students.

IEEE PUBLICATIONS

- Compiler For Mathematical Operations Using English Like Sentences - CSITSS 2023.
- Visio-Voice: Transforming Images into Sound for the Visually Impaired - ICITEICS 2024.
- eKart: A Cloud-Based E-commerce Platform for Shopping deployed on AWS - ICCICA 2024.
- Energy Management System Deep Q-Networks - APCIT 2024.