

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, and 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
<i>Bachelor of Technology (Artificial Intelligence Engineering)</i> GPA: 7.95/10.00	Bangalore, India
Narayana Junior College ↗	April 2018 - April 2020
<i>Intermediate (MPC)</i> GPA: 8.98/10.00	Vijayawada, India
Dr. KKR's Gowtham ↗	Mar 2017 - Mar 2018
<i>High School Education</i> GPA: 9.8/10.00	Vijayawada, India

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 for Shopping deployed on AWS	AWS, HTML, CSS
• Developed an online platform for shopping with recommendation system.	
• 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.	

SKILLS

Technical Skills	Data Structures and Algorithms Object-Oriented Programming DBMS
Languages	Python SQL
Frameworks/Libraries	TensorFlow PyTorch scikit-learn NumPy OpenCV
Tools and Technologies	Git MATLAB Big Data Tools 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. ↗

ACHIEVEMENTS / 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. ↗