GADUPUTI ABHISHEK SAIRAM

+19083569089 | abhi.gaduputi@gmail.com | Portfolio

Education

New Jersey Institute of Technology	**Sept 2025 – Present**
• *Masters in Artificial Intelligence*	*New Jersey, United states.*

Manipal Institute of Technology	**Sept 2020 – June 2024**
• *Bachelor of Technology* in Electronics and Instrumentation	*Manipal, Karnataka, India.*
• *Minors in Data Science.*	
• *CGPA of 8.08 / 10*	

Experience

Montra Electric Tractor, TI Clean Mobility, Murugappa Groups   **Nov 2024 – Jul 2025**

Senior Executive in R&D   *Chennai*

- Led the development of Autonomous tractor project.
- Supported the design and testing of battery pack & VCU of EV tractor.

Froker, Arroz technologies   **Dec 2023 – Sept 2024**

Machine learning Engineer   *Bangalore*

- Transitioned from intern to full-time role in May.
- Built and deployed multi-modal LLMs on Azure and developed an end-to-end recommendation engine.
- Designed MongoDB-based data pipelines for efficient storage and retrieval.
- Created interactive dashboards with Retool and integrated analytics using Mixpanel & GA4 to track user engagement.

Bharath Heavy Electrical Limited (BHEL)   **Dec 2022**

Industrial Trainee   *Hyderabad*

- Undergone industrial training and exposure to various sectors in BHEL.
- Calibrated machines to adhere to quality standards and maintain required productivity levels.

Startup

Quantral Networks AI -

Dedicated to building trustworthy, innovative AI solutions, starting with deepfake detection to ensure digital authenticity. Expanding into a comprehensive AI SaaS platform, we aim to deliver scalable, ethical, and impactful tools across industries from healthcare to agritech.

Projects

- Cancer Imaging using GenAI. (Research work in progress)
- Eyesight power prediction using deep learning methods. (work in progress)
- Movie Recommender System.
- IoT-based Attendance Monitoring system using RFID.
- Digital Frequency Meter.
- Detecting no.of cars using image processing in MATLAB.

Technical Skills

Languages: C, C++, Python, SQL, NoSQL

Frameworks & Libraries: TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib

Cloud & Tools: Azure AI Foundry, Git, GitHub, Tableau, Retool, Mix panel, Google Analytics 4

Certifications

- R programming
- Data scientist's Toolbox
- Exploratory Data Analysis
- Getting and Cleaning data
- Reproducible Research
    - -Coursera

- AI and ML applications in engineering
    - -NIT, Warangal
- Introduction to Artificial intelligence (AI)
- Getting started with AI using IBM Watson
    - -IBM, Coursera
- Tableau – Udemy