

GADUPUTI ABHISHEK SAIRAM

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Education

Manipal Institute of Technology

Sept 2020 – June 2024

- Bachelor of Technology in Electronics and Instrumentation
- Minors in Data Science.
- CGPA of 8.08

Experience

Manipal, Karnataka

Montra Electric Tractor, TI Clean Mobility, Murugappa Groups

Nov 2024 – Present

Senior Executive in R&D

Chennai

- Working on telematics and vehicle control unit of EV tractor .

Froker, Arroz technologies

Dec 2023 – Sept 2024

Machine learning Engineer

Bangalore

- I worked as an intern until May and transitioned to a full-time employee in June.
- Worked on a Recommendation engine, that provides real-time recommendations
- Worked on Mutli-Modal LLM's, Used Azure for deployment and management of models.
- Worked on MongoDB for data storage and retrieval.
- Developed dashboards with Retool to monitor key performance metrics.
- Utilized Mixpanel and Google Analytics 4 to extract insightful reports.

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.
- Learned about industry safety protocols through real-time experiences.

Startup

BIRINGE – for you to binge, Co-Founder

We identified a substantial demand and limited availability of quality Hyderabadi biryani in Manipal and capitalized on the opportunity by establishing a stall at the college's cultural fest, resulting in remarkable success and financial gain. We anticipate further development and expansion of this initiative in the future.

Projects

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

Technical Skills

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

Tools: VS Code, Azure, AWS , Git, MongoDB, Tableau

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