


NISHCHALA MUKKU


ML ENTHUSIAST | ECE UNDERGRAD | SENIOR @ IIITDM KURNOOL

CONTACT

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 Avadi, Chennai

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SKILLS

- Machine Learning
- Deep Learning
- Python
- C & C++
- Assembly Language - ASM
- Keil ARM7
- Embedded Systems
- PCB Printing - KiCAD
- Verilog
- VLSI
- English Communication
- Debating
- Teamwork & Team building
- Leadership

LANGUAGES

English

Full Professional Proficiency

Hindi

Limited Professional Proficiency

Telugu

Native or Bilingual Proficiency

Tamil

Native or Bilingual Proficiency

INTERESTS

- Video Editing
- Scripting
- Transcribing
- Content Writing
- Designing

PROFILE

A versatile and attentive learner looking for opportunities that can help ace my career in the corporate world. I am a quick learner, an active listener, and adaptive to acquiring new skills. Looking forward to join hands with the best!

EDUCATION

Btech in ECE

8.74 CGPA

Indian Institute of Information Technology
Design and Manufacturing Kurnool
12/2020 - 06/2024

Senior Secondary School in Science with CS - CBSE

95.2%

DAV Sr Secondary School, Mogappair,
Chennai
16/2018 - 03/2020

Primary and Secondary School - CBSE

92.8%

KV HVF Avadi, Chennai
04/2011 - 03/2018

WORK EXPERIENCE

Research Intern

05/2023-Present

TiHAN-IIT Hyderabad

- Working on Autonomous Underwater Vehicles Positioning and Navigation

PROJECTS

1. New york city Taxi trip prediction using python

- The main objective is to predict the duration of trip of a taxi in the New York City.
- Did EDA from the given data and built Decision tree regressor and linear regression model based on the final processed data.

2. Customer Churn Prediction using Python

- Predicting if a customer leaves the company based on this previous record and current status i.e., if the customer churns given his present situation.
- Uses Logistic regression for prediction.

3. Regenerative Braking system

- The energy from the braking pads is reused and stored for future use in the vehicle itself.
- Model is based on the principle of Law of Conservation of energy.
- Working model of the system is made.

ROLES

- **Cultural Team - IIITDM Kurnool**
01/2023-Present
One of the core members of the team responsible for conduction of events in institute.

- **Training and Placement Cell - IIITDM Kurnool**
07/2022-Present
Placement Coordinator

- **Dataworks - Data Science Club**
07/2022-Present
Coordinator of the Club.
Organized many sessions related to Datascience and helped people engage in activities

- **Google Developer Student Club** of IIITDM Kurnool
08/2022-Present
Management Core member of the club.

- **The Sahithya - IIITDM Kurnool**
08/2022-04/2023
Coordinator for the academic year 2022-23.
Coordinated many events during the club sessions. Helped organise the Lit Fest 2023

- **Films and Media Club - IIITDM Kurnool**
08/2021-Present
Coordinator of the club.
Editor for the club. Edited various projects related along with co-editors. Was main editor for the Fresher's Introduction 2021.

CERTIFICATES

- **2nd Place** in **Flipr Hackathon XIII Machine Learning Task.**
- Certificate of participation in **Uber HackTag 2.0** conducted by Uber.
- Certificate of Participation in **Jumpstart** conducted by **Publicis Sapient.**
- Certificate of Participation in **Flipkart Grid 4.0 - Information Security Challenge Challenge** organized by Flipkart.

HACKATHONS, WEBINARS AND BOOTCAMPS ATTENDED

1. **Flipr Hackathon XIII - Machine Learning Task**
- We were a **team of four**, and did a **ECG- Measuring Heart Rhythm Disorders Project** as part of the task.
- Secured **2nd place** in the hackathon.
- Using heartpy library we tried to modify the given medical data. We created a classification model and found the best fit model. Using this model we try to find if a person has the disorder or not. We got around 95% of accuracy for the model.

COURSES AND CERTIFICATES TAKEN

1. **Accelerated Computer Science fundamentals Specialization** offered by University of Illinois through Coursera.
(<https://coursera.org/verify/specialization/ECRZKWK3F84W>)
2. **Mathematics for Machine Learning Specialization** offered by Imperial College London through Coursera.
(<https://coursera.org/verify/specialization/JRWYFXXV49U>)
3. **Minor Specialization in Machine learning and Data science** offered by Indian Institute of Information Technology Design and Manufacturing Kurnool.
4. **Machine Learning Certification course for beginners** by Analytics Vidya.
Certificate ID: gijw4hqtsl

ACHIEVEMENTS

1. **Qualified GATE 2023** with a rank of 5411 in EC paper.
 2. Got 2nd Place in SOF's International Math Olympiad in Grade 12 and Grade 6.
 3. Completed Abacus Course of eight levels. Won 2nd prize for Level 5 and Level 8 Abacus Competition in District and State level.
 4. Participated in several CCA Competitions, leaded the house 'Kambar' and won prizes in debates, JAM, singing, rangoli etc.
 5. Secured 2nd prize in Inter School Astronomy Quiz conducted by Chinmaya Vidhyalaya, Anna Nagar.
 6. Secured 94.6 %ile in JEE Mains - 2020 and qualified for JEE Advanced - 2020.
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