

P M Hema Kumar Reddy

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CAREER OBJECTIVE

To work in an organization where I can seek an opportunity to contribute innovative solutions and measurable results within a collaborative, learning environment. Excited to join a team where I can share expertise, optimize processes, and drive growth through data-driven insights and analysis. Skilled in leveraging data to identify trends, streamline operations, and support strategic decision-making.

EDUCATION

CMR Institute of Technology

Bachelors of Engineering – Artificial Intelligence and Machine Learning | CGPA:8.68

Bengaluru, KA

Aug. 2021 – May 2025

Sri Krishna Reddy Siddartha Junior College

Pre – University Course – Science | Percentage:90.7

Madanapalle, AP

Jun. 2014 – May 2018

S V L Memorial English Medium School

SSLC | CGPA:9.7

Madanapalle, AP

May 2019

TECHNICAL SKILLS

Languages: Python, Java, C, R(ggplot2)

Data Analytics Tools: Python, Excel, SQL, Tableau, PPowerBI

Database: MySQL, BigQuery

Data Visualization: Tableau, Power BI, Matplotlib

Data Cleaning and Wrangling: Pandas, NumPy, SQL Queries

Machine learning: Deep Learning, Numpy, Pandas, LLMs(Basic)

Web Technologies: HTML, CSS, JavaScript

Software: VS Code, PyCharm, Eclipse, Power Bi, Excel, Ubuntu, Google Colab, Jupyter Notebook, RStudio.

PROJECTS

Autism Detection | *Python, Flask, CNN, keras, TensorFlow, Python, HTML, CSS*

2023

- Built an end-to-end CNN deep learning model with 97% accuracy.
- Designed the model to take an image as input and perform accurate detection.
- Enabled the model to be hosted on the internet for seamless accessibility and usability.

Detecting Fake Instagram Profile | *Ensemble learning, Data Analysis, Excel, Python*

2024

- Tackled the growing issue of fake Instagram accounts using data analytics and machine learning techniques.
- Performed data cleaning and exploratory data analysis (EDA) on Instagram data to identify patterns distinguishing real and fake accounts.
- Built and deployed machine learning models, achieving 95% accuracy in predicting fraudulent accounts.
- Leveraged advanced models like CatBoostClassifier to develop a robust system for detecting fake accounts.

Spotify Dashboard | *PowerBI, Power Query, Excel*

2024

- Created visuals to showcase metrics like total streams, top artists, top genres, and popular tracks.
- Designed charts to analyze trends in music streaming over time, including seasonal patterns and user preferences.
- Incorporated slicers and filters to allow dynamic exploration of data by year, artist, or genre.
- Ensured an intuitive layout with well-organized visuals, improving accessibility for stakeholders.
- Highlighted insights for decision-making, such as identifying emerging genres and artists with growth potential.

EXPERIENCE

Machine Learning Intern

Compsoft Technologies

October 2023 – December 2023

Bengaluru, KA

- Took part in a team which is working on Machine Learning
- Build a Chatbot for Healthcare System

CERTIFICATIONS AND ONLINE COURSES

- Google Data Analytics Professional Certificate from Google
- Python for Beginners from Udemy
- HTML, CSS and JavaScript for Web Development from Udemy

PERSONAL DETAILS

Date of Birth : 13th July 2003

Gender : Male

Nationality : Indian

Permanent Address: 3/145-9-6-2-15, Prasanth Nagar, Madanapalle,
Andhra Pradesh - 517325

Present Address : AECS Layout, Bengaluru, Karnataka - 560037

Languages Known : English, Telugu, Hindi, Kannada