

P M Hema Kumar Reddy

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CAREER OBJECTIVE

Passionate and driven AI Engineer with a strong foundation in machine learning and data science, currently specializing in Generative AI. Eager to leverage cutting-edge AI technologies to develop innovative, scalable solutions that drive business value. Committed to continuous learning and contributing to advancements in artificial intelligence. Seeking opportunities to collaborate on impactful projects in a dynamic and forward-thinking environment.

EXPERIENCE

AI Engineer Intern

April 2025 – Present

MSG Global Solutions

Bengaluru, KA

- Collaborating with the AI team to build SAP CoPilot for the SAP PAPM product, integrating advanced Generative AI capabilities.
- Leveraging technologies such as SAP BTP, LangChain ecosystem, and FastAPI to develop intelligent, enterprise-grade AI solutions.
- Designing and implementing conversational AI workflows and LLM-based features to enhance user interaction and decision-making.
- Contributing to scalable backend services and prompt engineering for seamless integration of AI functionalities into SAP systems.

Machine Learning Intern

October 2023 – December 2023

Compsoft Technologies

Bengaluru, KA

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

EDUCATION

CMR Institute of Technology

Bengaluru, KA

Bachelors of Engineering – Artificial Intelligence and Machine Learning | CGPA:8.87

Aug. 2021 – June 2025

Sri Krishna Reddy Siddartha Junior College

Madanapalle, AP

Pre – University Course – Science | Percentage:90.7

Jun. 2019 – May 2021

S V L Memorial English Medium School

Madanapalle, AP

SSLC | CGPA:9.7

May 2019

TECHNICAL SKILLS

Generative AI: LLMs, RAG, Fine Tuning, Langchain Ecosystem, FAST APIs, AI Agents

Machine Learning: Deep Learning, NumPy, Pandas, LLMs, Generative AI, PyTorch

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

Data Science Tools: Python, Excel, SQL, Tableau, Power BI

Databases: MySQL, BigQuery

Data Visualization: Tableau, Power BI, Matplotlib

Data Cleaning and Wrangling: Pandas, NumPy, SQL Queries

Web Technologies: HTML, CSS, JavaScript

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

PROJECTS

- Autism Detection** ([Github Link](#)) | *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.
- Hired-AI** ([Github Link](#)) | Hackathon winning project | *Generative AI, LLMs, GROQ API, Python-Streamlit* 2025
- * Built an AI-powered Streamlit app for resume analysis, GitHub project evaluation, and voice-to-voice mock interviews.
 - * Integrated GROQ API to run fast, efficient LLMs for generating questions, analyzing projects, and providing real-time feedback.
 - * Used LLMs to extract insights from resumes and GitHub READMEs, scoring technical depth and suggesting improvements.
 - * Enabled fully interactive mock interviews with speech-to-text and text-to-speech, simulating real interviewer experience and AI-driven feedback to simulate job interviews.
 - * Covered interview prep across DSA, SQL, AI/ML, Behavioral, and System Design categories.
 - * Boosted user job-readiness by offering tailored feedback, project assessments, and skill-based evaluation.
 - * Utilized GROQ API and .env configuration for secure LLM integration and seamless deployment.
- Detecting Fake Instagram Profile** ([Github Link](#)) | *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** ([Github Link](#)) | *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.
- Weather App** ([Github Link](#)) | *Angular, TypeScript, NodeJs, HTML, CSS, APIs* 2023
- * I built a weather app using Angular, HTML, CSS, JavaScript, and Node.js, integrating an API to fetch real-time weather data.
 - * The app provides temperature, humidity, and weather conditions based on user input or location.
 - * Node.js handles backend tasks, such as API requests and security. The app features a clean UI with dynamic updates for a seamless user experience.

ACHIEVEMENTS

- Winners of GEN AI Hackathon 2025, conducted by HappyFox Technologies LLP ([Github Link](#)): Developed Hired AI, a Streamlit app powered by GROQ LLMs that analyzes resumes, reviews GitHub projects, and conducts real-time voice-to-voice mock interviews to boost job readiness.

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