

# MADHAN MOHAN REDDY P

8106255668 | [madhanmohan2301@gmail.com](mailto:madhanmohan2301@gmail.com) | [GitHub](#) | [Linkedin](#) | [HuggingFace](#)

---

## PROFESSIONAL SUMMARY

Passionate about **AI/ML** technologies, I have over 2.8 years of experience in software development. Currently pursuing a PG in Machine Learning and Artificial Intelligence from **IIIT Bangalore**, I am eager to transition into a **Data Science** role. I excel in building strong application logic, using generative AI for creative solutions, and uncovering valuable insights from complex datasets. Committed to continuous learning and innovation, I am enthusiastic about applying my technical skills and analytical mindset in a dynamic data science environment. Check out my own GPT : [AIO-GPT](#)

---

## SKILLS

**Data Science:** Numpy, Pandas, Matplotlib, Data Cleaning, Data Analysis

**AI/ML :** Deep Learning, NLP, Generative AI, LLMs, Vector Databases, RAG, Regression Models, OpenCV

**Programming Languages:** Java, Python, SQL

**Frameworks:** LangChain, Transformers, TensorFlow, Scikit-Learn

---

## WORK EXPERIENCE

### Software Engineer at FIS GLOBAL (Fidelity Information Services) - Bangalore

*Oct 2022 - Present*

- Develops Java enhancements and bug fixes for banking clients in North America, taking ownership of tasks and coordinating with BA and QA teams to resolve defects.
- Fixed bugs in core banking projects, including US TAX forms and retirement plans.
- Utilized generative AI techniques, including LLM models, to create innovative prototypes and solutions in the **Innovation** event.

### IT Trainee at FIS GLOBAL - Bangalore

*Oct 2021 - Oct 2022*

- Added functionality to existing banking applications and fixed bugs reported by JIRA tickets.
  - Worked on enhancements as per US regulatory requirements and client-reported issues.
  - Gained experience in Jira, Bitbucket, and Git.
-

## EDUCATION

### **Pursuing PG Diploma in Machine Learning and Artificial Intelligence**

International Institute of Information Technology, Bangalore (IIIT B)

### **Bachelor of Technology in Computer Science and Engineering (CSE)**

Sir CV Raman Institute of Technology and Science, Tadipatri, Andhra Pradesh | 2021

### **Diploma in Computer Engineering (CME)**

Government Polytechnic College, Proddatur, Andhra Pradesh | 2018

---

## PROJECTS

- **Gesture Recognition:** Developed a hand gesture recognition project using Deep Learning models, including Transfer Learning and Generators.
  - **House Price Prediction:** Implemented a Linear Regression model to predict house prices.
  - **Chat with PDF:** Developed a retrieval-augmented generation (RAG) application using the Gemini-pro model for interacting with PDF documents. Integrated FAISS vector search for efficient document indexing and retrieval. Built using Streamlit for an intuitive user interface.
  - **AI/ML Projects on GitHub:** [Check out my projects](#) developed using LLMs and LangChain.
  - **Fine-Tuned LLMs:** Explore my [Hugging Face](#) profile for fine-tuned large language models (LLMs) based on public datasets.
- 

## ACHIEVEMENTS

- Awarded by FIS management for reaching the finals in the INNOVATE48 event and recognized for outstanding contributions to automation.