

MADHAN MOHAN REDDY P

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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

- Works on java development for small enhancement and bug fixes for various banking clients across North America.
- Take ownership of the task to provide code solution for the defects raised by clients.
- Coordinate with other teams of BA and QA to clarify the requirement and complete the defect.
- Worked on core banking projects to fix bugs for various clients, 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.
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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.
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ACHIEVEMENTS

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