

John Carter

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### Professional Summary

AI-focused Python developer with hands-on experience building LLM-based applications and machine learning systems. Experienced in RAG architecture, Flask deployment, and model optimization.

### Technical Skills

Python

Flask

Streamlit

SQL

Pandas

NumPy

Scikit-learn

LangChain

OpenAI API

Vector Databases

Git

Docker

REST APIs

Machine Learning

Deep Learning

Prompt Engineering

### Projects

#### 1. Document AI Assistant (RAG System)

Built Retrieval-Augmented Generation pipeline using LangChain

Implemented vector search using embeddings

Integrated LLM API for contextual question answering

Deployed using Flask

#### 2. House Price Prediction System

Cleaned real-world housing dataset

Performed feature engineering and outlier removal

Compared Linear Regression and Random Forest

Deployed as web application

### Soft Skills

Analytical Thinking

Communication

Problem Solving

Fast Learner