Raja Prasanna M

8667412145 | mrajaprasanna2001@gmail.com

EDUCATION

IMARTICUS LEARNING
Postgraduate Certification in Data Science and Analytics
Oct 2024

LOVELY PROFESSIONAL UNIVERSITY
Master in Computer Application
Dec 2026 | Punjab, IND

MADURAI KAMRAJ UNIVERSITY
BS in Forensic Science | May 2022 | Tamilnadu, IND

LINKS

Github:// **Prasanna1222**
LinkedIn:// **RajaPrasanna**

COURSEWORK

GRADUATE

Data Science
Machine Learning
Deep Learning
Natural Language Processing (NLP)
Data Visualization
OCR
TensorFlow
LLM

SKILLS

Java • Springboot • Python • Angular • Streamlit • FASTAPI • AWS • Docker • Git • MySQL • Power BI

CERTIFICATION

- Python on Coursera 2023
- Oracle SQL 2023

EXPERIENCE

ASARI TECHNOLOGIES | Associate Developer
Jul 2023 - Present | Tamilnadu,IND | 1 Year 2 Months

- Developed and maintained **data integration** solutions, ensuring seamless flow and synchronization of data across various systems and platforms, resulting in a 30% improvement in data processing efficiency, leveraging **SQL databases** for efficient data management.
- Designed and implemented **data visualization** dashboards to provide actionable insights for data integration processes, increasing operational decision-making speed by 20%, deploying applications on **AWS** to ensure scalability and reliability.
- Worked on the **Retrieval-Augmented Generation (RAG)** application in SAP, utilizing **Large Language Models (LLMs)** to develop a chatbot solution that enhances information retrieval capabilities.

PROJECTS

BAYMAX: AI DRIVEN PERSONALIZED MEDICAL ASSISTANT

- Developed a comprehensive **web application** utilizing machine learning, including Convolutional Neural Networks (**CNN**) for X-ray image classification (achieving 92% accuracy), **OCR**, and Natural Language Processing (**NLP**) techniques to predict diseases based on user symptoms and lab reports.
- Automated the extraction of text from scanned lab reports using **Tesseract OCR**, followed by summarization with **Hugging Face Transformers** to enhance the efficiency of medical data analysis.
- Successfully implemented a Voting Classifier that improved diagnostic accuracy from 85% to 94% by integrating multiple models for disease prediction