JOSHUA MIRANDA

DATA SCIENTIST

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SKILLS

TECHNICAL: Python, SQL, Machine Learning, Deep Learning
FRAMEWORKS AND TOOLS: Tensorflow, Keras, Langchain, GCP, AWS, PowerBI, Excel, Neo4J
SOFT SKILLS: Critical Thinking, Problem Solving, Communication, Stakeholder Management

PROFESSIONAL EXPERIENCE

Quantiphi Analytics Solution Pvt. Ltd, *Machine Learning Engineer*, Mumbai   Aug. 2024 - Current
Completed a rigorous 12-week training program, as part of a career transition from Business Analyst to Machine Learning Engineer, focusing on the following key areas:
- Core Topics Covered: Python programming, statistics, machine learning, and deep learning concepts.
- End-to-End Project Development: Implemented full-scale deep learning projects, integrating CI/CD pipelines and deploying models on AWS platforms such as Elastic Beanstalk, ECR, EC2, and GitHub Actions with Docker for containerization.
- RAG Projects: Created Retrieval-Augmented Generation (RAG) systems for conversational agents that interact with data from PDFs and websites using tools like LangChain, OpenAI, ChromaDB, FAISS, and deployed on Streamlit Cloud.

Quantiphi Analytics Solution Pvt. Ltd, *Business Consulting PI Intern*, Mumbai   Aug. 2022 - Aug. 2024
- Responsible for understanding, analyzing and solving complex problems through AI across a variety of industries including BFSI, Energy and Retail & CPG
- Collaborated with client stakeholders to ensure business and technology alignment through meetings, workshops, and workflow analysis
- Proposed solutions meeting defined specifications and needs with alignment from client and internal development teams
- Developed business solution flows and technical architectures basis client requirements and translated requirements into tangible deliverables
- Handled leads from 5 different regions globally, namely US East, Canada, EMEA, APAC, and India
- Successfully took ownership and assisted in closing engagements with a total deal value of over $1M

Ernst & Young LLP, *Business Consulting Performance Improvement Intern*, Mumbai   Dec. 2021 - June 2022
-Extracted and transformed data from client databases to build dashboards in Power BI which tracked inventory levels of over 2,000 suppliers and 43,000 parts
-Developed a dashboard in PowerBI to identify production bottlenecks in the supply chain
-Worked on SQL query optimization to decrease execution time by over 30%
-Identified Key Performance Indicators and developed storyboards to assess the client's situation and assist in informed decision making
-Facilitated the implementation of a Graph DB solution using Neo 4j

PROJECTS

Chat with your PDFs via RAG	Sept. 2024
Chat with any website via RAG	Sept. 2024
Brain Tumor Classification from MRI Scans using CNN	Aug. 2024
Segmentation of Cars from images using UNET	Aug. 2024

EDUCATION

St. Xavier's College	Aug. 2020 - July 2022	**St. Xavier's College**	June 2017 - Apr. 2020
M.Sc Big Data Analytics		B.Sc Information Technology	
CGPA: 9.81/10		CGPA: 3.33/4	

CERTIFICATIONS

Google Associate Cloud Engineer   Dec. 2023
Credential Link: https://google.accredible.com/d6a12469-791e-4126-8c3e-2ecf759d1d90

Google Cloud Digital Leader   Dec. 2022
Credential Link: https://www.credential.net/1047c45a-0895-4238-8e41-79b945f24d6e?
key=b1c09bec95fefe3e07e4ab24acf3a48f5bb8da0ce16ea9f92c36644d47a8ed75