ARYAN S PILLAI

Vellore Institute of Technology, Vellore

CSE WITH SPECIALIZATION IN BUSINESS SYSTEMS

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EXPERIENCE

Brainlox: AI and Marketing Research [March 2023 - Present]

- Developed and implemented custom chatbots and agents for sales, customer service using OpenAI, Langchain, Pinecone, and Azure services.
- Conducted data analysis to identify effective strategies for driving customers to different channels.
- Utilized data analysis techniques to support sales and marketing efforts and optimize performance.

NUS Singapore: Data Analytics and Deep Learning [December 2022]

- Conducted in-depth research in deep learning methodologies under esteemed professors at NUS.
- Gained expertise in data analytics and applied deep learning techniques to solve complex real-world challenges.
- Successfully completed a comprehensive course focused on data analytics and deep learning, showcasing proficiency in implementing cutting-edge AI algorithms.

HPE: Deep Learning with HPE [December 2022]

- Led a live project deployment on Microsoft Azure Cloud, ensuring seamless integration of AI models and optimizing performance through continuous integration and continuous deployment (CI/CD) practices.
- Collaborated with a cross-functional team to implement cutting-edge deep learning techniques, leveraging Azure services to deliver high-impact solutions for real-world business challenges.

PROJECTS

Eduguide - Official ChatGPT4 Plugin (Verified by OpenAI)

Developed and implemented the Eduguide plugin, a ChatGPT4-based tool for finding the latest information on college admissions utilizing OpenAI API, Langchain, Pinecone, and Azure services.

Aryan GPT - https://aryangpt.azurewebsites.net/

Created an interactive chatbot, trained on my personal data, it expertly answers all questions about my experiences, projects, certifications, and skills, making it easy to explore my professional journey.

Handwritten Equation Solver

Created a web application using TensorFlow.js to take handwritten polynomial equations as input and return the results.

TECHNICAL SKILLS

Data Science and Machine Learning	Langchain, HuggingFace, TensorFlow, OpenCV, MobileNets, NumPy, Pandas, Matplotlib, Seaborn, Plotly and Cufflinks, Scikit-Learn.
DevOps and MLOps	Azure DevOps, Docker,GitHub Actions, Jenkins, MLFLOW
Databases	MySQL, Pinecone, FAISS
Programming Languages	Python, Java, C, C++, Shell, PowerShell, Bash

CERTIFICATIONS

- **Data Analytics using Deep Learning, NUS Singapore**
- **Hewlett Packard Enterprise Education Services, Deep Learning**
- **IBM Artificial Intelligence Analyst**
- **Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning**
  Certificate Link: *https://coursera.org/share/f3f36a4fcfc7b4f879507aa683fa693b*