

AMAN GARG

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EDUCATION

SYMBIOSIS INTERNATIONAL UNIVERSITY

MBA(Data Sciences and Data Analytics)

Pune, India

2021 - 2023

SYMBIOSIS INTERNATIONAL UNIVERSITY

Bachelor of Computer Applications

Pune, India

2018 - 2021

WORK EXPERIENCE

AETHEREUS CONSULTING PVT. LTD

Intern - Data Analytics/AI

Pune, India

May 2023 - Aug 2023

- Identified requirements for AI based solution for route optimization for field sales reps
- Demonstrated a connection to source data from Salesforce CDP into AWS Sagemaker
- Created a workflow for constructing and deploying a machine learning model through Amazon SageMaker.
- Developed a VR Gallery using Unity for the Quest 2 to increase user interaction with the company's portfolio.
- Tools: Python, Amazon S3, Amazon Sagemaker, Amazon API Gateway, AWS Lambda, Unity

ALPHA AI

Data Science Intern

Panchkula, Haryana

Apr 2022 – Jul 2022

- Research and experiment with pre-built AI models to solve existing business problems
- Produced an AI-generated animation featuring primary head motion and synchronized lip movement with audio and video.
- Combined the algorithms for the animation into an API for testing with different images, videos and audio files and saved the time by 50% for the experiments.
- Containerize the API which helps the animation to run on more than one machine.
- Parallelize machine learning model inference in order to serve more than one user
- Acted as a supplementary asset to teams engaged in various projects.
- Tools: Generative AI, PyTorch, Tensorflow OpenCV, Streamlit, Docker, Blender, Omniverse

VITESCO TECHNOLOGIES INDIA PVT LTD

AI Intern

Pune, India

Sept 2020 – Jul 2021

- Collaborate with a team of domain experts to understand the business problem
- Provide bridge between domain knowledge and Artificial Intelligence
- Built a neural network to predict the value of axle torque in order to develop a digital twin
- Tools: Pycharm, Python, Pandas, Keras, Numpy, asammf

UNIVERSITY PROJECTS

RECOMMENDATION SYSTEM

Developed a content-based filtering recommender system for pre-defined movie dataset; leveraged Streamlit framework to seamlessly deploy and showcase the system's recommendations to users.

CUSTOMER SEGMENTATION

Identified various segments of customers using k-means clustering based on age, gender, income and annual spending which in turn helped in developing marketing strategies.

ADDITIONAL

Technical Skills: Python, R, Pandas, Scikit-Learn, Matplotlib, Streamlit, SQL, MongoDB, AWS, Linux

Certifications & Training: JAVA - Core and Advanced(SevenMentor), Python for Machine Learning(IIT Roorkee)