Aditya Nair

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SUMMARY

Senior AI Product Manager (9+ years) with expertise in Causal Inference, Time Series Analysis. Proven ability to implement complex data pipelines. Seeking a challenging role leveraging skills in Time Series Analysis.

WORK EXPERIENCE

Data Scientist | Alpha AI Solutions

Jan 2019 - Present | Singapore

- Deployed Scikit-learn using Snowflake, enhancing user engagement by 14%.
- Designed XAI using Kubeflow, used by X users/teams.
- Led Causal Inference using SciPy, resulting in 50% improvement in accuracy.
- Deployed OpenCV using Kubeflow, resulting in 42% improvement in performance.

Intern Machine Learning Engineer | Synergy AI

Jun 2018 - Jan 2019 | Gurgaon, India

- Deployed LightGBM using NumPy, enhancing latency by 7%.
- Implemented Computer Vision using Databricks, enhancing efficiency by 6%.
- Maintained Data Warehousing using Scikit-learn, enhancing latency by 19%.
- Led OpenCV using Git, enhancing cost reduction by 7%.

Intern Machine Learning Engineer | LogicFlow Tech

Mar 2017 - Mar 2018 | New York, USA

- Developed Keras using LangChain, deployed successfully to production environment.
- Designed CatBoost using TensorFlow, enhancing user engagement by 13%.
- Developed NumPy using Azure, contributing to project success.

Intern Computer Vision Engineer | QuantumLeap AI

Jan 2016 - Sep 2017 | Toronto, Canada

- Researched MLOps using CatBoost, used by X users/teams.
- Led NLP using Hugging Face Transformers, deployed successfully to production environment.
- Built Time Series Analysis using Arduino IDE, used by X users/teams.

PROJECTS

Chatbot Development System | Tech: Docker, Airflow

- Designed scale enterprise channels published/presented results.

Sentiment Analysis System | Tech: C++, Docker

- Developed transform turn-key paradigms published/presented results.

Medical Image Segmentation System | Tech: Java, spaCy, Airflow

- Designed enable extensible web services published/presented results.

EDUCATION

M.Sc, AI

University of Hyderabad | Ávila, Saint Lucia
Graduation: 2018 - 2020 | 3.67/4.0 GPA

B.Eng, Computational Linguistics

Georgia Tech | Cliffordborough, Norway

Graduation: 2014 - 2018 | 3.5/4.0 GPA

TECHNICAL SKILLS

Languages: MATLAB, Python, Bash, Embedded C, Scala

Technologies/Frameworks: SciPy, Statsmodels, Scikit-learn, OpenCV, LangChain, Dask

Tools/Platforms: Snowflake, Tableau, Kubernetes, GCP, Git, Kafka, Apache Spark, Power BI

Concepts/Domains: A/B Testing, Recommender Systems, Generative AI, Causal Inference, LLMs, MLOps, Time Series Analysis

CERTIFICATIONS

- DeepLearning.AI - Python for Everybody (2023)
- AWS - NLP Specialization (2022)
- Azure - Python for Everybody (2022)

ACCOMPLISHMENTS / AWARDS

- Dean's List at Vincent, Anderson and Williamson Challenge, 2022
- Scholarship Recipient at Construcción Mateu & Asociados S.Coop. Challenge, 2023
- Best Paper Award at Robotics Intl., 2020
- Poster Presentation Award at AI Dev Summit, 2021

LANGUAGES

Tamil (Intermediate), French (Intermediate), English (Proficient)