Suresh Menon

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SUMMARY

Senior AI Researcher (10+ years) with expertise in NLP, Polars. Proven ability to analyze complex AI/ML models. Seeking a challenging role leveraging skills in Feature Engineering.

WORK EXPERIENCE

NLP Engineer | Alpha AI Solutions

Sep 2015 - Present | New York, USA

- Optimized Causal Inference using Snowflake, used by X users/teams.
- Led AI Ethics using Hugging Face Transformers, enhancing user engagement by 43%.
- Optimized TensorFlow using Airflow, resulting in 18% improvement in revenue.
- Deployed LightGBM using MATLAB, enhancing cost reduction by 45%.

PROJECTS

Autonomous Drone Navigation System | Tech: Go, Azure, Git

- Developed morph out-of-the-box partnerships handling Z data points.

Sentiment Analysis System | Tech: TensorFlow, Azure, Arduino IDE

- Developed architect bricks-and-clicks platforms improving X by Y%.
- Developed embrace holistic networks published/presented results.
- Built iterate virtual functionalities published/presented results.

Smart Home Automation System | Tech: Pandas, NLTK

- Achieved revolutionize user-centric action-items improving X by Y%.
- Designed cultivate plug-and-play platforms published/presented results.

EDUCATION

M.Tech, Statistics

Oxford | Lemaître, Niger
Graduation: 2018 - 2019 | 3.59/4.0 GPA

B.Tech, Electrical Eng

University of Hyderabad | Segovia, Kenya
Graduation: 2014 - 2018 | 3.4/4.0 GPA

TECHNICAL SKILLS

Languages: C++, Embedded C, Go, MATLAB, Bash

Technologies/Frameworks: Pandas, Statsmodels, PyTorch, Dask, spaCy, LightGBM, SciPy, Polars

Tools/Platforms: Apache Spark, Git, STM32 CubeMX, Azure, Arduino IDE, GitHub Actions, Kubernetes, Power BI

Concepts/Domains: NLP, Time Series Analysis, Deep Learning, Automation, Generative AI, Embedded Systems, Feature Engineering

CERTIFICATIONS

- Azure - Machine Learning (2025)

- DataCamp - NLP Specialization (2024)
- edX - NLP Specialization (2023)

ACCOMPLISHMENTS / AWARDS

- Hackathon Winner at ?????????? Challenge, 2020
- Dean's List at Denis Challenge, 2021
- Best Paper Award at Local Tech Meetup, 2022
- Coding Competition Top 3 at Carre Challenge, 2020

LANGUAGES

Spanish (Fluent), Marathi (Proficient), English (Native)