Sai Muktevi

UPCOMING DATA SCIENTIST

HELLO WORLD!

I'm extremely passionate about exploring and trying new things. My **opportunities** have lead me into user behavior analysis, user journey analysis, sensor modeling in control systems, NLP and building some other fun applications.

The combination of my background in software engineering and data science greatly enhances the value of my contributions. I continue to explore more and tackle various problems in an effort to find my niche area in Data Science as I grow in my career.

SOME HIGHLIGHTS

- Experience in developing Front-End UI and Back-End APIs along with integration.
- Published a minor thesis on the analysis of road traffic accidents data.
- Certified AWS Solutions Architect Associate
- Built LyriQuest - sentiment analysis based on song lyrics and playlist management application.
- Knack for explaining complex concepts in simple presentations.

EDUCATION

MS, Data Science
University of Washington / 2020-2022

BE, Computer Science and Engineering
Ramaiah Institute of Technology / 2015-2019

EXPERIENCE

Data Scientist Intern - Microsoft
Customer Churn Prediction - 2021

Using *user segmentation* and an *XGBoost classifier* model on user actions data, I uncovered valuable insights into important user behavior on a product which inspired further experimentation on certain product features. Prioritized interpretability of model results.

Python ML Developer Intern - NTWIST
Metal Extraction Prediction - Soft Sensor Modeling - 2019

Analyzed and processed sensor and lab data from a High-Pressure Acid Leaching (HPAL) process used for Ni and Co metal extraction in an industrial plant. Worked with Deep Belief Networks, RBMs, PCR and PLSR models.

TECHNICAL SKILLS

- Python - Numpy, Pandas, Scikit-Learn, PySpark, Matplotlib, SHAP, Plotly, Flask
- MEAN Stack
- R, SQL, Javascript, Matlab, Java

WANT TO EXPLORE MORE...

- Computer Vision
- Using cloud services for scalable ML.
- Interpretability
- Recommender Systems
- Unsupervised and semi-supervised learning

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