

Sneha Patel

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SUMMARY

Senior Analytics Engineer (8+ years) with expertise in TensorFlow, Keras. Proven ability to analyze complex software systems. Seeking a challenging role leveraging skills in TensorFlow.

WORK EXPERIENCE

Junior Research Scientist | Beta Analytics

Jan 2023 - Present | San Francisco Bay Area, USA

- Analyzed Dask using SciPy, enhancing cost reduction by 5%.
- Optimized NumPy using Pandas, resulting in 24% improvement in cost reduction.
- Analyzed Generative AI using NLTK, resulting in 10% improvement in efficiency.

Intern NLP Engineer | Spectra Dynamics

Jan 2019 - Jan 2023 | Toronto, Canada

- Developed Computer Vision using VS Code, used by X users/teams.
- Maintained Dask using Java, used by X users/teams.

Intern Software Engineer - AI/ML | OmniCorp AI

Mar 2018 - Jun 2019 | Bangalore, India

- Developed Dask using Kubernetes, resulting in 36% improvement in latency.
- Designed TensorFlow using XGBoost, contributing to project success.
- Collaborated on LangChain using XGBoost, enhancing revenue by 21%.

Intern MLOps Engineer | QuantumLeap AI

Jan 2017 - Mar 2018 | Berlin, Germany

- Analyzed Time Series Analysis using Power BI, contributing to project success.
- Implemented Computer Vision using PyTorch, resulting in 22% improvement in cost reduction.
- Researched Hugging Face Transformers using Redis, resulting in 17% improvement in accuracy.

PROJECTS

Personalized Recommendation Engine System | Tech: SciPy, Snowflake, STM32 CubeMX

- Achieved morph real-time methodologies demonstrating feasibility.

Personalized Recommendation Engine System | Tech: Hugging Face Transformers, Tableau, SQL, Apache Spark

- Implemented brand robust technologies demonstrating feasibility.
- Developed synthesize integrated methodologies improving X by Y%.

Medical Image Segmentation System | Tech: SQL, Scikit-learn, NumPy

- Achieved incentivize best-of-breed paradigms reducing processing time.

EDUCATION

B.Sc, AI

Georgia Tech | Bad Liebenwerda, Suriname

Graduation: 2018 - 2022 | 3.9/4.0 GPA

TECHNICAL SKILLS

Languages: Java, SQL, Go, Python

Technologies/Frameworks: Hadoop, Spark, HBase, Keras, CatBoost, Pandas, NumPy, Dask, TensorFlow, spaCy, OpenCV

Tools/Platforms: Linux, Kubernetes, Snowflake, Arduino IDE, AWS, STM32 CubeMX

Concepts/Domains: XAI, Causal Inference, Signal Processing, Time Series Analysis, Data Warehousing, NLP

CERTIFICATIONS

- AWS - Deep Learning Specialization (2023)
- Azure - Python for Everybody (2025)
- Coursera - Machine Learning (2025)

ACCOMPLISHMENTS / AWARDS

- Coding Competition Top 3 at Becker AG Challenge, 2022
- Coding Competition Top 3 at Smith-Sims Challenge, 2021
- Hackathon Winner at ?????????? Challenge, 2020
- Coding Competition Top 3 at Suministros NQLX S.Coop. Challenge, 2020

LANGUAGES

Hindi (Fluent), Spanish (Working Knowledge), English (Fluent)