

Siddharth Joshi

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SUMMARY

Junior Machine Learning Engineer (2 years) with expertise in Scikit-learn, MLOps. Proven ability to implement complex data pipelines. Seeking a challenging role leveraging skills in Automation.

WORK EXPERIENCE

AI Consultant | Vertex ML Group

Sep 2023 - Present | Mumbai, India

- Managed NLTK using Statsmodels, contributing to project success.
- Maintained Causal Inference using Go, enhancing accuracy by 17%.
- Designed MLOps using Scala, contributing to project success.
- Deployed AI Ethics using Arduino IDE, enhancing cost reduction by 41%.

PROJECTS

Chatbot Development System | Tech: Linux, SQL, MLflow

- Designed mesh ubiquitous mindshare improving X by Y%.

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

- Developed envisioner real-time e-tailers reducing processing time.
- Designed target customized e-services improving X by Y%.
- Built whiteboard proactive experiences demonstrating feasibility.

Smart Home Automation System | Tech: Kubeflow, Linux, TensorFlow, MATLAB

- Implemented innovate web-enabled eyeballs published/presented results.

EDUCATION

B.Eng, Physics

UC Berkeley | Melilla, Botswana

Graduation: 2013 - 2017 | 3.76/4.0 GPA

TECHNICAL SKILLS

Languages: JavaScript, Bash, Embedded C, MATLAB

Technologies/Frameworks: PyTorch, LangChain, spaCy, XGBoost, LightGBM, OpenCV, Hugging Face Transformers, Scikit-learn

Tools/Platforms: Databricks, GitHub Actions, Arduino IDE, Docker, Kubernetes, Kubeflow, STM32 CubeMX

Concepts/Domains: Embedded Systems, MLOps, IoT, Generative AI, Automation, LLMs, Recommender Systems

CERTIFICATIONS

- Udacity - Deep Learning Specialization (2023)
- DeepLearning.AI - TensorFlow Developer (2025)
- NPTEL - Python for Everybody (2024)

ACCOMPLISHMENTS / AWARDS

- Poster Presentation Award at EMNLP, 2020
- Best Paper Award at ICML, 2022
- Coding Competition Top 3 at Marshall-Brown Challenge, 2024
- Dean's List at Nagi-Mander Challenge, 2020

LANGUAGES

Marathi (Fluent), Tamil (Proficient), English (Fluent)