Meera Singh

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Location: San Francisco, CA, USA

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Professional Summary

AI/ML Engineer with 5+ years of experience designing machine learning models and deploying scalable APIs in production environments. Skilled in Python, data pipelines, and model deployment.

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Skills

Python, Scikit-learn, FastAPI, Pandas, NumPy

PostgreSQL, Redis

Docker, Git, REST APIs

Machine Learning, Deep Learning, NLP

Teamwork, Communication, Agile

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Experience

ML Engineer — BrainScale AI

Jul 2021 – Present

- Developed ML pipelines for fraud detection and recommendation engines

- Deployed FastAPI microservices for real-time inference

- Tuned hyperparameters and improved model F1-score by 15%

Data Scientist — Insightful Inc.

Aug 2019 – Jun 2021

- Built NLP classifiers for customer sentiment analysis

- Automated data cleaning and feature engineering workflows

- Used PostgreSQL and Redis for data retrieval and caching

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Education

M.S. in Data Science

University of California, Berkeley – 2019

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Projects

Text Classification API

https://github.com/meerasingh/text-api

Real-Time Model Inference Service

https://meera.dev/fastapi-ml-inference