

Arjun Deshmukh

Machine Learning Engineer

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Professional Summary

Machine Learning Engineer with 6 years of experience building scalable ML models, pipelines, and deployments for production environments. Skilled in deep learning, model versioning, and experiment tracking using modern MLOps tools.

Skills

Python, scikit-learn, TensorFlow, Keras, XGBoost, Airflow, Docker, MLflow, Feature Engineering, Hyperparameter Tuning, Model Serving (Flask, FastAPI)

Experience

ML Engineer - SmartNet AI (2020 - Present)

- Designed and deployed ML pipelines for demand forecasting and anomaly detection.
- Integrated model versioning and tracking using MLflow.
- Automated training workflows using Airflow and containerized apps with Docker.

Data Scientist - DataQuotient (2017 - 2020)

- Built ensemble models and implemented cross-validation frameworks.
- Collaborated with engineers on real-time model inference APIs.

Education

B.S. in Computer Engineering, Purdue University, 2016