

Priya Desai
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SUMMARY

Machine Learning Engineer with experience in building, evaluating, and deploying ML models for NLP and computer vision. Comfortable with TensorFlow/PyTorch and productionizing models on cloud.

TECH SKILLS

- Languages / Libs: Python, NumPy, Pandas, scikit-learn, TensorFlow, PyTorch
- ML: NLP (transformers), CV (CNNs, OpenCV), model evaluation, feature engineering
- MLOps: Docker, model serving (TensorFlow Serving, TorchServe), CI/CD for models
- Cloud / Data: AWS (S3, SageMaker), SQL, Airflow
- Tools: Jupyter, Git, MLflow

EXPERIENCE

ML Engineer Intern – AI Labs (Jul 2023 – Present)

- Built a transformer-based text classifier for customer support routing; improved accuracy from 71% → 86%.
- Deployed model to Docker container and served via REST endpoints.
- Automated model training pipeline with Airflow.

Research Assistant – University Lab (Aug 2022 – Jun 2023)

- Implemented data augmentation pipelines for image datasets; improved model robustness.
- Experimented with transfer learning using ResNet and EfficientNet.

PROJECTS

- Sentiment analysis API: training pipeline + TorchServe endpoint + simple React demo.
- Image classifier for defect detection: PyTorch + Docker + AWS deployment.

EDUCATION

B.Tech – Computer Science (AI/ML specialization), ABC Institute (2019 – 2023)