

Bhargav Pamidighantam

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Experience

- Apple**
AI/ML Data Operations Analyst

Mar 2023 – Mar 2024
Hyderabad, India

 - Performed large-scale data annotation, transcription, and quality control for **speech, vision, and multimodal ML models** supporting Siri-related workloads.
 - Reviewed and evaluated **700K+** audio, text, and image samples, identifying labeling errors, ambiguity, and systematic failure patterns in model outputs.
 - Conducted qualitative analysis of **LLM and ASR outputs** across multiple English dialects, documenting error categories and edge cases for downstream model iteration.
 - Worked with annotation guidelines, QA protocols, and escalation workflows to maintain consistency and reliability across high-volume ML data pipelines.
- SSP 2000 Inc.**
IT Operations Intern

May 2021 – Jul 2021
Hyderabad, India

 - Built an internal **inventory tracking system** using Python and PostgreSQL to replace manual asset logging workflows.
 - Designed relational database schema and implemented REST-style endpoints to support CRUD operations for operational data.
 - Focused on correctness, maintainability, and documentation rather than production-scale deployment.

Education

- Northeastern University**
M.S. in Computer Science (Machine Learning, Distributed Systems), GPA: 3.7/4.0

Sep 2024 – May 2026
Boston, MA
- Indian Statistical Institute**
Postgraduate Diploma in Applied Statistics (Statistical Methods for ML)

Oct 2022 – Oct 2023
India
- ICFAI Business School**
Bachelor of Business Administration

Aug 2019 – May 2022
India
- Certifications:** Stanford University — Machine Learning Specialization | Google — Data Analytics, Project Management

Technical Skills

Programming: Python, Java, SQL, R, Go
ML & Data: PyTorch, TensorFlow, Scikit-learn, Hugging Face, XGBoost, SHAP
Systems & Infra: Docker, Kubernetes (fundamentals), Git, CI/CD concepts, AWS (EC2, S3), Terraform
ML Workflows: data pipelines, model evaluation, experiment tracking, hyperparameter tuning

Projects

- F1 Race Strategy Optimizer (In Progress)**

Jan 2026 – Present

 - Developing a collaborative ML system to simulate and optimize Formula 1 race strategies for an academic **MLOps Expo**.
 - Current focus on data ingestion, feature engineering, and modular pipeline design; deployment and scaling planned.
- Clinical Text Summarization (Academic Project)**

Jul 2025 – Aug 2025

 - Trained and evaluated **T5-based summarization models** on 3,700+ clinical notes using PyTorch and Hugging Face.
 - Assessed performance using ROUGE metrics and qualitative review; focused on experimentation rather than production deployment.
- MLOps CI Pipeline with GitHub Actions**

Dec 2025

 - Implemented CI workflows for model training, validation, and container builds using GitHub Actions.
 - Explored reproducibility, automated testing, and version control for ML experiments.