Kowshik Padala

+91 7995256309 | padalakowshik@gmail.com | Github| LinkedIn

Profile Summary

Machine Learning enthusiast with a strong foundation in AI, deep learning, and computer science. Experienced in building, training, and deploying models using TensorFlow and PyTorch. Skilled in automating workflows through MLOps practices and utilizing Python for data-driven solutions. Actively seeking opportunities to apply my skills and contribute to impactful projects in the AI/ML domain.

Education

Bachelor's Degree, Computer Science *2022 - 2026*
Amrita Vishwa Vidyapeetam, Amritapuri, Kerala India
Relevant Courses: Machine Learning, Deep Learning, Data Science, Operating Systems, Algorithms & Data Structures, Computer Networking.

Skills

- **Machine Learning/Deep Learning**: TensorFlow, PyTorch, MLOps, LLM-based NLP models
- **Programming Languages**: Python, SQL, C, C++, Java
- **Tools and Technologies**: Git, Linux, BASH, CI/CD, Docker
- **Data Engineering**: Data Cleaning, Data Processing, Data Pipeline Development
- **Cloud Platforms**: Amazon Web Services (AWS), Google Cloud Platform

Experience

AI Training & Internship Program - Languify (Dec 2022 – Mar 2023)

- Trained in AI and machine learning with hands-on experience in **building and deploying models** for natural language processing (NLP) and computer vision projects.
- **Project**: Developed models for **Landmark Detection** using TensorFlow, involving data collection, preprocessing, and real-time deployment.

Projects

Therapist and Child Detection & Tracking

- **Designed and implemented an AI-based system for detecting and tracking children with Autism Spectrum Disorder and therapists.**
- **Utilized PyTorch for model development and incorporated techniques for handling re-entries, occlusions, and multi-person tracking in videos.**
- **Built data pipelines for data cleaning and preprocessing, ensuring accuracy in real-time detection.**

Certifications

- Microsoft Certified: Azure AI Fundamentals
- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional