Sai Sasank Bezawada

8639093109 | sasanksasi98@outlook.com | bit.ly/sasanksasi

Summary

Passionate Machine Learning Developer experienced in NLP, deep learning, and cloud ML deployments. Strong skills in Python, TensorFlow, and PyTorch, with a track record of creating impactful, data-driven solutions.

Experience

Machine Learning Engineer Intern May 2024 – Present
Aegion Dynamic *A Hub*

- Developed an automated document review system using transformer models, improving classification efficiency by 30%.
- Utilized Natural Language Inference (NLI) to streamline analysis, reducing manual processing time by 50%.
- Collaborated cross-functionally with engineering teams to integrate model predictions into client applications.

Data Analyst May 2023 - Mar 2024
Skill Vertex *Remote*

- Conducted exploratory data analysis (EDA) on raw data to uncover insights, improving decision-making speed by 20%.
- Provided actionable recommendations for optimizing cloud resource utilization using statistical modeling.

Technical Skills

Languages: Python, C, C++, R, SQL, JavaScript, Dart
Frameworks: TensorFlow, PyTorch, Scikit-Learn, AWS, Kubernetes, Spark
Tools: Docker, Git, GitHub, CI/CD, VS Code
ML & AI: Machine Learning, Deep Learning, Generative AI, NLP, NLI, Reinforcement Learning
Cloud Platforms: GCP, AWS, Firebase, MongoDB

Projects

Predict Cloud Resource Forecasting (GitHub)

- Built ML models for cloud resource management, reducing costs by 25%. Developed end-to-end ML pipelines with TensorFlow and GCP.

RECOX: Gesture Recognition System (GitHub)

- Developed a gesture control system using MediaPipe and deep learning, achieving 92% accuracy in real-time hand tracking.

WALL-E: Cloud-based Image Generator (GitHub)

- Created an AI-powered image generator using Stable Diffusion, deployed using AWS for seamless text-to-image generation.

The Box: Complex Packing Automation (GitHub)

- Implemented deep learning for item packing, improving space utilization by 18% compared to traditional algorithms.

Honors/Certifications

- Track Prize Winner at SusHacks'24 for innovative deep learning application.
- **CUDA Python Fundamentals**, NVIDIA, July 2024.
- Received 5-star ratings for AI doubt-solving sessions on Neetcode.io from 8 students.

Education

Vignan's Institute of Information Technology Vizag, A.P, IN
Bachelor of Technology in AI & Data Science *2021 – 2025*

Alwardas College VSKP, IN
Higher Secondary Education *2019 – 2021*