Abhishek Vinod

Phone: +91 9876543210 — Email: abhishekvinod572@gmail.com
LinkedIn: linkedin.com/in/abhishek-vinod-921954256 — GitHub: github.com/abh156ek

Career Objective

Aspiring AI and Machine Learning professional seeking to leverage expertise in deep learning, NLP, and cloud-based solutions to develop innovative technological solutions. Committed to applying advanced computational techniques and robust data pipeline architectures to solve complex real-world challenges, with a focus on creating intelligent, scalable systems that drive meaningful technological advancements.

Education

B.V. Raju Institute of Technology, Narsapur, Telangana *B.Tech in Computer Science (Data Science)*
GPA: 8.05
Trividyaa Junior College, Hyderabad *Intermediate*
Scored: 957/1000
NSKK High School, Hyderabad *SSC*
Scored: 95%

Skills

Programming Languages: Java, Python
Machine Learning & AI: PyTorch, Hugging Face, LangChain
Cloud Platforms: AWS (EC2, S3, Glue, Athena), Google Cloud
Data Processing: Apache Kafka, AWS Glue, Athena
Version Control: Git, GitHub

Projects

Flappy Bird AI using NEAT Algorithm
Developed an AI-powered Flappy Bird game using NEAT algorithm for autonomous gameplay optimization. Implemented neural network-controlled bird movements.
Technologies: Python, Pygame, NEAT-Python, NumPy

Real-Time Stock Market Data Pipeline using Kafka & AWS
Built end-to-end real-time stock market data pipeline using Apache Kafka and AWS. Streamed CSV data and processed using AWS services.
Technologies: Python, Kafka, AWS (EC2, S3, Glue, Athena)

Transformer Model for English-to-German Translation
Implemented Transformer model from scratch using PyTorch for sequence-to-sequence translation. Developed multi-head attention and positional encoding layers.
Technologies: Python, PyTorch, NLP, Deep Learning

Workshops

DATATHON – Power BI Workshop

Achievements

SIH 2023 Ideation Hackathon – 3rd Prize Winner
Developed AI-powered app for farmer crop disease detection using deep learning image analysis.