

MOHAMMED AZHARUDDIN

■ Hyderabad, Telangana ■ 9381651343 ✉ ■ mdazhar21047cs042@gmail.com

Summary

Highly skilled AI/ML Engineer with expertise in Machine Learning, Deep Learning, Natural Language Processing (NLP), and Computer Vision. Proficient in designing and deploying scalable AI models using Python, TensorFlow, PyTorch, and Scikit-learn. Experienced in working with large datasets, building end-to-end ML pipelines, and integrating AI solutions into production systems. Adept at solving complex problems, optimizing model performance, and applying AI to real-world business challenges.

Skills

Python, TensorFlow, PyTorch, Scikit-learn, Keras, NLP, Computer Vision, Pandas, NumPy, SQL, Data Preprocessing, Machine Learning Algorithms, Deep Learning, RESTful APIs, MLOps, Docker, Git

Education

Bachelor's degree in Computer Science, CGPA: 7.86
Hyderabad, Telangana

Experience

Google – AI/ML Engineer

- Developed and deployed ML models for predicting customer behavior with 92% accuracy.
- Implemented NLP pipelines for text classification, sentiment analysis, and chatbot development.
- Optimized model training using TensorFlow & PyTorch, reducing computation time by 40%.
- Collaborated with data engineering teams to integrate AI models into production APIs.

Amazon – Machine Learning Engineer

- Designed and deployed a computer vision model for product defect detection, increasing quality assurance accuracy by 35%.
- Built recommendation systems to improve user engagement and sales.
- Automated data preprocessing pipelines using Pandas, NumPy, and Scikit-learn.
- Used Docker & Kubernetes to containerize and deploy ML services at scale.

Accomplishments

- Improved model accuracy by 25% using advanced feature engineering techniques.
- Developed a scalable ML pipeline, reducing deployment time by 50%.
- Published research on transformer-based NLP models for text summarization.
- Created AI-powered chatbot that handled 70% of customer queries autonomously.

Awards

- Won Best AI Engineer of the Year at TechInnovation Awards 2024.
- Received Innovation Award for deploying a real-time fraud detection system.

Certifications

- TensorFlow Developer Certificate
- AWS Certified Machine Learning Specialty
- Microsoft Certified: Azure AI Engineer Associate
- DeepLearning.AI Natural Language Processing Specialization

Languages

English, French, German