

Keerthi Gopireddy

Machine Learning Engineer | Data Scientist



PROFILE

Result-oriented **AI enthusiast** with 6 years of professional experience, including **4 years** in the AI/ML field focused on solving data-driven, real-world business challenges having a Master's in **Artificial Intelligence** with a 4.0 GPA.

Actively seeking cutting-edge opportunities in the field of **Artificial Intelligence / Machine Learning** to apply my knowledge to real-world problems while continuously learning in the field.


Expertise in predictive modeling, data analytics, feature engineering, deep learning, machine learning algorithms, model evaluation, and model deployment, with a proven ability to enhance model accuracy and optimize processes. Strong domain knowledge with a focus on easily understanding end-user needs.

EDUCATION


University of North Texas **2023 - 2024**
Master of Science in Artificial Intelligence - Machine Learning
GPA: 4.0

Jawaharlal Nehru Technological University **2014 - 2018**
Bachelor of Technology in Electronics and Telematics

WORK EXPERIENCE

 **Wipro Technologies** **Data Scientist**
Hyderabad, India Aug 2021 - Dec 2022

- Performed exploratory data analysis followed by feature selection on 150+ features using XGBoost and Cancelout – increased the true positives by ~4%
- Automated capturing logs from the Huawei ML Ops platform using Python and reduced manual effort by 10%
- Implemented early stop on a Deep Learning model and increased the AUC by ~4% for predicting ad click-through probabilities
- Automated data preprocessing using Dataiku for Citibank and reduced the load by ~45%

 **Amazon Robotics** **Data Quality Specialist**
Hyderabad, India Aug 2018 - May 2021

- Streamlined trouble ticket process to eradicate low confidence ML outputs which increased the probability of identifying the root cause by 30% and decreased manual effort by ~20%
- Worked on aligning standard operating procedures for feature identification of 4 machine learning models to business needs
- Automated mail triggers and weekly reports using SharePoint sent to fulfillment centers decreasing manual effort by ~70%

SKILLS

Programming Languages: Python, SQL, HiveQL, MATLAB

Data Science Platforms: Dataiku, RapidMiner

Data Analysis & Visualization: Excel, Tableau Desktop, Power BI

Frameworks and Libraries: TensorFlow, Keras, PyTorch, Scikit-learn, NumPy, Pandas, Seaborn, Matplotlib, NLTK, OpenCV

Machine Learning: Supervised and Unsupervised Algorithms, Neural Networks, NLP, Feature Engineering, Model Evaluation, ML Ops

Foundations: Probability, Descriptive and Inferential Statistics

ML Ops: Model deployment and maintenance, CI/CD pipelines, Foundations of Docker and MLflow

Cloud: Basics of AWS (SageMaker, S3) and Google Cloud Platform

CERTIFICATIONS

- Merit Certificate with Excellent Grade in '**Advanced Artificial Intelligence and Machine Learning**' from IIT Hyderabad (Dec 2018 to March 2019)
- '**Lean Six Sigma Yellow Belt** Certification' by ACES Academy at Amazon
- ML Practitioner, Core and Advanced Designer Certifications by Dataiku

ACCREDITATIONS

- Awarded with '**Champion IDS Research Analyst**' in Q2 2020, Q3 2020, and Q1 2021 at Amazon for expertise in root cause analysis and feature identification
- Accredited as the '**Most Valuable Player**' in the audit team for the year 2020 at Amazon for streamlining the trouble ticket process
- Recognized as '**Outstanding Contributor**' in February 2022 by the client (Huawei) at Wipro Technologies for performing effective hyper-parameter tuning eventually increasing the ad click-through rate

CONTACT

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