

Mahesh Bekkam

AI & Machine Learning Engineer

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PROFESSIONAL SUMMARY

Aspiring AI & Machine Learning Engineer with hands-on experience in building end-to-end machine learning and deep learning solutions. Skilled in Python, CNN, RNN, LSTM, NLP, and model evaluation techniques. Experienced in developing real-world AI applications using TensorFlow and Keras.

SKILLS

Programming Languages: Python, SQL

Machine Learning: Regression, Classification, Clustering, Model Evaluation, Feature Engineering

Deep Learning: CNN, ANN, RNN, LSTM, GRU

Natural Language Processing: Tokenization, Stop Word Removal, TF-IDF, Text Classification

Frameworks & Libraries: TensorFlow, Keras, PyTorch, OpenCV

Tools & Platforms: GitHub, Google Colab, VS Code

PROJECTS:

AI-Powered Online Assessment Platform

- Developed an AI-based online proctoring system with face and multiple-person detection
 - Implemented tab-switch monitoring, noise detection, and copy-paste restriction to prevent malpractice
 - Designed automated evaluation for MCQs and coding assessments
- Technologies: Python, OpenCV, Deep Learning, Machine Learning

CNN Handwritten Digit Recognition

- Built a Convolutional Neural Network (CNN) to recognize handwritten digits from image data
 - Performed data preprocessing, model training, and evaluation to achieve high accuracy
 - Optimized CNN architecture for improved performance
- Technologies: Python, TensorFlow, Keras

EXPERIENCE

Customer Support Associate – First source Solutions Ltd (Client: Comcast Xfinity):

July 2024 – August 2025

- Handled inbound customer interactions for Comcast Xfinity services
- Resolved billing and service-related issues while following standard operating procedures (SOPs)
- Consistently met productivity and quality targets and was promoted to Quality Associate within 6 months
- Supported quality monitoring, call evaluations, and performance feedback to improve service delivery

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering

Kasireddy Narayana Reddy College of Engineering and Research

2021 – 2024 | Percentage: 70%

Diploma in Automobile Engineering

Sri Sangameshwara Government Polytechnic (SSGPT)

2019 – 2021 | Percentage: 76%