

Varun Chandra Cherukuri

9121641491 | varun@email.com | linkedin.com/in/CherukuriVarun | github.com/varun

TECHNICAL SKILLS

Programming Languages: Python, SQL, MATLAB

MLops Tools: DVC, MLflow, tf-extended, Ci/cd, circle Ci, Jenkins

Deep Learning Frameworks: TensorFlow, PyTorch, Keras

Libraries & Tools: NumPy, Pandas, Scikit-learn

Deployment Tools: Docker, GIT, NLTK, OpenCv, AWS, Azure Kubernetes

EXPERIENCE

Machine Learning Virtual Intern

March 2023 – May 2023

Self-paced Internship

Online

- Gained hands-on experience in implementing supervised and unsupervised learning algorithms.
- Built and evaluated predictive models to solve real-world business problems.
- Developed skills in data preprocessing, feature engineering, and model validation.

PROJECTS

Customer Segmentation using K-Means

Dec 2022 – Jan 2023

Machine Learning Project

Python, Scikit-learn, Pandas

- Analyzed customer data to identify distinct segments based on purchasing patterns.
- Implemented K-Means clustering to improve targeted marketing strategies.

Face Attendance System using Face Recognition

Oct 2022 – Nov 2022

Computer Vision Project

Python, OpenCV, dlib

- Developed a system to automate attendance using facial recognition technology.
- Integrated dlib for face detection and recognition.

Book Recommender System

Sep 2022 – Oct 2022

Recommendation Systems Project

Python, Pandas, Scikit-learn

- Built a content-based book recommendation system using cosine similarity.
- Processed and analyzed user and book metadata to enhance recommendations.

Image Captioning System

Jan 2023 – Present

Deep Learning Project

Python, TensorFlow, OpenCV

- Developed an end-to-end system for generating descriptive captions for images
- Utilized CNN and LSTM models for image feature extraction and caption generation
- Achieved state-of-the-art performance on the COCO dataset

EDUCATION

KL University

June 2020 - April 2024

Bachelors in Artificial Intelligence and Data Science

Hyderabad

CERTIFICATIONS

- AWS Certified Machine Learning - Specialty
- TensorFlow Developer Certificate
- RPA Professional
- Microsoft AI Fundamentals