

P Sharath Kumar Reddy

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SUMMARY

Passionate AI/ML engineer with a strong background in deep learning, computer vision, and natural language processing. Skilled in Python, TensorFlow, PyTorch, and various ML libraries. Excellent problem-solving, research, and collaboration abilities. Seeking a challenging role to develop cutting-edge AI solutions.

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, C SQL, MATLAB

Deep Learning Frameworks: TensorFlow, PyTorch, Keras, Caffe

Libraries & Tools: NumPy, Pandas, Scikit-learn, OpenCV, NLTK, Git, Docker

PROJECTS

Brain Tumor Detection

Deep Learning Project

Jun 2024 – Present

Python, TensorFlow, Pandas

- 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

Salary Prediction ML Model

Machine Learning

Feb 2024 – Mar 2024

Python, Flask, Scikit-learn, Pandas

- Developed a RESTful API for salary prediction based on job descriptions and other features
- Implemented machine learning models using Scikit-learn and Pandas for data preprocessing and feature engineering
- Deployed the API on a cloud platform for seamless integration and accessibility

EXPERIENCE

AI Research Intern

Speranza

Mar 2024 – May 2024

Hyderabad, IND

- Conducted research on reinforcement learning algorithms for robotics
- Implemented and evaluated deep RL models using PyTorch and RLlib
- Presented findings at weekly research meetings

EDUCATION

CMRCET

B.Tech. in Computer Science, AI and ML

Hyderabad, IND

Nov 2022 – Present

CERTIFICATIONS

- GOOGLE AI-ML Certificate
- Microsoft Embedded System Software Developer Certificate