Ashish Jadhav

Computer Vision Intern| Magdeburg, Saxony-Anhalt 39104 | jashish387@gmail.com |
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EDUCATION

Electrical Engineering and Information Technology (M.Sc.) Oct 2022 - April 2025
Otto-von-Guericke University, Germany

Bachelor of Technology (B. Tech.) July 2015 - May 2019
Sardar Patel College of Engineering, India

WORK EXPERIENCE

Lead Engineer July 2019 - Sept. 2022
Tata Power Company Ltd. | Mumbai, India

- Performed text classification on customer emails to categorize them into specific complaint categories and assigned them to relevant departments, streamlining the complaint management process.
- Performed time series analysis on energy consumption data to predict energy consumption behavior which helped in load scheduling.
- Developed a chatbot based on Rasa to handle customer queries which resulted in reduction of load on the call center.

PROJECTS

MNIST Image Classification using Neural Networks View in GitHub

- Created a Fully connected Neural network architecture for accurate digit recognition and comparison.
- Implemented a Convolutional Neural Network (CNN) with three convolution layers reaching accuracy of 99.05 %.

Alzheimer's Disease classification using spontaneous speech View in GitHub

- Developed a machine learning model for the early detection and classification of Alzheimer's Disease (AD) using spontaneous speech.

Mystic Forest Escape Room Chatbot View in GitHub

- Designed a chatbot to guide users through a thrilling and mysterious journey within the Mystic Forest.

SCIENTIFIC WRITINGS

- **Jadhav A. S.** and Sinha Y. (2023). ***Pathological speech processing - a systematic review: datasets, acoustic features and applications.*** Institute of Information and Communications Technology, Otto-von-Guericke University, Germany. View Paper

- Jadhav A. S. ***Alzheimer's dementia classification using spontaneous speech.*** **Unpublished Manuscript,** Institute of Information Technology and Communications, Otto-von-Guericke University, Germany.

- Jadhav A. S. **(2023)** ***Machine Learning in IIoT communications*** **.** Institute of Information and Communications Technology, Otto-von-Guericke University, Germany. View Paper

CERTIFICATIONS

NVIDIA Fundamentals of Deep Learning View credentials
Stanford Deep Learning Specialization Audit-Version
Stanford Machine Learning Specialization Audit-Version

SKILLS

Python | Tensorflow | Pytorch | scikit-learn | Numpy | Pandas | Requests | Matplotlib | AWS | GCP | Rasa | GitHub | opensmile

Magdeburg, 29.01.2024