nischithamr84@gmail.com

9380669805

Bangalore, India 560078

Technical Skills

- Python
- Machine Learning
- Apache Airflow
- Deep Learning
- Large Language Models
- Flask
- Pandas
- Matplotlib
- Beautiful Soup
- Azure Cloud
- Azure DevOps
- Git

Education

11/2022
Master Of Science:
Computer Science
Kuvempu University
Shankarghatta

11/2020
Bachelor Of Science:
Computer Science
Sri J.CB.M College
Sringeri

Websites, Portfolios, Profiles

- www.linkedin.com/in/nischitha-m-r-779175244

Certifications

Microsoft Azure Certifications

NISCHITHA M R

Professional Summary

Python and Machine Learning Engineer with 1.5 years of hands-on experience in developing, fine-tuning, and deploying machine learning models across diverse applications. Proficient in Python, with expertise in data preprocessing, regular expressions, and key libraries such as Pandas, Scikit-learn, and Gradio. Skilled in leveraging deep learning frameworks and large language models to design and implement advanced solutions. Experienced in building and managing ETL pipelines using Apache Airflow and Apache Beam. Demonstrated ability to deploy models efficiently in cloud environments using Docker, ensuring scalability and reliability.

Professional Experience

Freelancer - Big Data Analytics Trainer
Bangalore, India
11/2023 - Current

- I am a dedicated professional with expertise in Big Data Analytics, passionate about empowering learners to grasp and apply complex, data-driven concepts.
- As a freelance educator, I have had the privilege of teaching Big Data Analytics to undergraduate and postgraduate students at prestigious institutions like JAIN Online University and Vignan Online University, seamlessly integrating theoretical frameworks with practical industry applications to deliver engaging and transformative learning experiences.

Togglr Solutions Pvt Ltd - Machine Learning Developer
06/2023 - Current

- Designed and implemented an innovative tool for comprehensive cloud migration assessments across leading platforms, including Azure, AWS, and GCP.
- Developed a sophisticated recommendation engine to seamlessly match virtual machine (VM) configurations between source and target cloud environments.
- Built and optimized a predictive model using CART to accurately forecast VM resource requirements over a 30-day period, significantly enhancing precision in cloud resource estimation.
- Created intuitive and user-friendly interfaces using Gradio to visually present recommendations for cross-cloud compatibility.
- Designed and deployed scalable Flask APIs on Azure App Service, delivering a robust and reliable platform for cloud assessment solutions.
- Utilized Docker for packaging, ensuring smooth and consistent deployment across diverse environments.

Togglr Solutions Pvt Ltd - Python Developer
06/2023 - Current

- Implemented Apache Airflow to automate workflows for cloud discovery, VM

inventory management, and data backup, significantly improving efficiency and operational accuracy.
- Designed and optimized Apache Beam pipelines for seamless data processing, enabling efficient transformation and storage workflows.
- Developed a scalable and reliable backup solution, ensuring robust data resilience, enhanced accessibility, and streamlined recovery across multi-cloud environments.

Togglr Solutions Pvt Ltd - Machine Learning Developer
06/2023 - Current

- Utilized the Whisper model to convert audio data into precise text transcriptions, ensuring high accuracy in audio-to-text processing.
- Integrated speaker diarization using PyAnnote to effectively distinguish and identify individual speakers within audio recordings.
- Applied regular expressions (regex) to match transcribed text against pre-defined command texts, streamlining command validation and fault identification.

Disclaimer

I hereby declare that all the above information provided is true and fair in my Knowledge.