

FARHAN ATTAR

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EDUCATION

B.E in Artificial Intelligence and Data Science, AISSMS Institute of Information Technology Dec 2021 – Jun 2024
Diploma in Information Technology, AISSMS Polytechnic Aug 2018 – Jul 2021

EXPERIENCE

Programming Analyst Trainee | Cognizant

- Leveraged expertise in Azure DevOps, Python, Linux, and shell scripting to design and implement scalable cloud infrastructure and CI/CD pipelines.
- Facilitated cross-functional collaboration using Jenkins, Git, Jira, Terraform, Docker, Kubernetes, and Ansible, enhancing system reliability through SRE best practices and log analysis with Splunk.

Data Analyst - Intern | NoQs Digital

Jul 2023 – Sep 2023

- Leveraged the capabilities of Google Sheets to craft dashboards, demonstrating a hands-on approach to proficiency.
- Spearheaded data analysis and automation initiatives, resulting in a 40% reduction in manual data processing time.
- Applied robust analytical acumen to transform raw data into actionable insights, uncovering nuanced trends, and key insights.

Data Science – Intern | Ahen Pvt. Ltd, Pune

Jan 2023 – Feb 2023

- Implemented advanced web scraping techniques to collect and analyze data from Google Maps, focusing on user ratings and feedback for driving schools.
- Derived key insights from the analyzed information, contributing to the optimization of marketing campaigns and improvement of customer satisfaction metrics.

PROJECTS

High-Availability Web Application Deployment and Automation on Microsoft Azure

Nov 2024 – Dec 2024

Virtual Machines (VMs), Azure Kubernetes Service (AKS), DockerHub, Azure DevOps.

- Architected and deployed a high-availability web application on Microsoft Azure, leveraging Virtual Machines (VMs) and Azure Kubernetes Service (AKS), achieving a remarkable 99.9% uptime.
- Engineered containerized application environments using Docker, resulting in a 60% reduction in deployment time, and automated end-to-end deployments with Azure DevOps pipelines adhering to DevOps best practices and CI/CD workflows.
- Optimized resource utilization by 80% within the Azure ecosystem, significantly reducing operational costs and establishing a robust foundation in contemporary cloud-based DevOps methodologies.

Harnessing Large Language Model for Document Querying

Text Analysis, Generative Models, Database Management, Natural Language Processing (NLP)

Sep 2023 – Jan 2024

- Implemented PDF handling techniques for efficient text extraction and image processing. Utilized LDA for topic modeling to extract salient keywords from documents. Engineered a RAG (Retrieval-Augmented Generation) engine powered by the Gemini API for intelligent answer generation.
- Successfully integrated topic modeling insights with LLM responses, elevating the quality of information retrieval. Created a Chroma database for document embedding, facilitating efficient retrieval of relevant passages.

Face Mood - Facial Emotion Recognition

Python, Tensorflow, Image Processing, Opencv

Dec 2022 – Jan 2023

- Engineered a robust model utilizing TensorFlow and Keras for accurate emotion classification from facial images.
- Designed an intuitive user interface using Streamlit, enabling users to interactively experience real-time emotion analysis.
- Leveraged OpenCV for efficient image preprocessing and real-time video capture within the application.

CERTIFICATES

Machine Learning Specialization – DeepLearning.AI

PL/SQL Database Programming - Oracle – Oracle

Java Fundamentals – Oracle

SKILLS & INTERESTS

Programming Languages: Python, Java, Shell Scripting

Operating Systems: Linux, Windows

Cloud Platforms: Microsoft Azure, Azure DevOps

DevOps Tools: Jenkins, Ansible, Docker, Kubernetes, Terraform, Splunk, SRE

Collaboration & Version Control: Git, Jira

Frameworks & Tools: Tensorflow, Pandas, SciKit-Learn, Flask, Streamlit, Opencv, Git and Github, Langchain

Databases: Mysql, MongoDB

