Ehtisham Sadiq

Data Scientist/ ML Engineer

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Professional Summary:

A graduate software engineer and machine learning engineer with a strong foundation in programming languages, ML frameworks, and data analysis. I possess a deep understanding of supervised and unsupervised learning techniques, deep learning algorithms, and reinforcement learning, as well as a keen eye for detail and a passion for delivering high-quality work. I am excited to bring my skills and enthusiasm to a dynamic and innovative team to grow my skills, learn from experienced professionals, and contribute to meaningful projects that make a real-world impact.

Professional Skills:

- **Technical Skills:** Python3, Pandas, NumPy, Seaborn, Matplotlib, Plotly, Scikit-Learn, Tensorflow, Keras, MySQL, MongoDB, Selenium, Heroku, Git, NLTK, spaCy, Gensium, Docker, Flask, Django, RESTful APIs, CI/CD Pipelines, MLOps, Hugging Face, LangChain, AWS, Google Cloud, ChatGPT,
- **Techniques:** Machine Learning, Deep Learning, Natural Language Processing, Artificial Intelligence, Databases, Data Analysis, Data Visualization, Big Data, Datasets , Statistical Analysis, Product-ionizing Models, Quantitative Analysis, Text Classification, Sentiment Analysis, LLM

Professional Experience:

- **Data Analyst, Blink Co Technologies Ltd.** Lahore, Pakistan,   08-2021 / 08-2022
  Worked as a data analyst, utilizing strong analytical and technical skills to extract insights and drive business decisions through data-driven solutions.

- **Data Science Intern, Zep Analytics (Remote)**   01-2021 / 04-2021
  Worked on Exploratory Data Analysis and deployed a Machine Learning model for the given case using Streamlit.

- **ML Engineer Intern, DGB Technologies**, Lahore, Pakistan   09-2022 / 03-2023
  Designed, built, and trained deep learning models for various tasks using state-of-the-art architectures and coordinated with the data team to collect appropriate data for building models.

- **ML Engineer, Vacon.AI,** Lahore, Pakistan   04-2023/Present
  Designed and built Face Recognition using Hugging-Face into the attendance Management System and automated their Process. Also worked on text generation, summarization, suggestion, and auto-completion features into Ramped-Product using Langchain and other tools.

Course:
Instructor, Learning Practical Data Science and Machine Learning
- Created and designed a comprehensive course on practical data science and machine learning concepts.
- Developed engaging content, including lectures, assignments, and projects, available on GitHub: [Course Page Link](#)

Education:
Bachelor of Science: Software Engineering   **3.23/4.0**
Faculty of Computing And Information Technology, New Campus, Lahore
Relevant Courses: Data Structure and Algorithms, Software Engineering, Data Science using Python, Database Systems, AI, Machine Learning

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Projects:
- **A web application for the prevention of mental disorders in social media posts using NLP:** Project uses NLP to detect and prevent mental disorders in social media posts, addressing a current problem in mental health and demonstrating my technical expertise in NLP and deep learning using Numpy, Pandas, Matplotlib, Seaborn, SKlearn, Pytorch, Tensorflow, MongoDB, Django.
- **Evaluating Product Performance through BlueCart API Extraction:** Leveraging Walmart's BlueCart API to evaluate product and sales performance for a Walmart Reseller store through data extraction, cleaning, and analysis to drive business decisions.
- **Event planner:** Build a web-based event planning tool that allows users to create and manage events, send invitations, and track RSVPs using Django, MySQL, Heroku, etc.

Certificates and Achievements:
- Responsive Website Basics: Code with HTML, CSS, and JavaScript (Coursera)
- Machine Learning Scientist with Python (DataCamp)
- Machine Learning with Python (Cognitive class.ai)
- Data Analysis with Python
- Teacher Assistant for Data Structure and Algorithms at FCIT

Soft Skills and Hobbies:
Problem-solving and critical thinking skills   Collaboration and teamwork
Adaptability and flexibility   Self-motivation and strong work ethic
Communication Skills   Cricket
Qawali