



MUHAMMAD KALEEM ULLAH

Data Scientist / Data Analytics / AI Engineer

@ iammkullah@gmail.com

+92 303 2225720

Islamabad, Pakistan

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ABOUT ME

A results-driven data scientist/analyst with 2 years of experience in e-commerce, stock market analysis, and software development. Proven track record of leveraging advanced analytics and data technologies to optimize operations, drive revenue, and deliver strategic insights. Adept at using machine learning and AI techniques to solve complex problems and enhance business performance. Possesses strong analytical and problem-solving skills with a focus on data-driven decision-making. Recognized for delivering impactful solutions that contribute to organizational growth and strategic decision-making.

SKILLS

Programming Languages: Python, MATLAB, SQL, C++, C, MySQL, MongoDB, Amazon DynamoDB

Technologies: AWS CodeCommit, AWS EC2, GCP, GIT, Selenium, Scrapy, Generative AI, NLP, LLM, Machine Learning

Tools: Docker, Github, Amazon S3, Google AI Studio, Circle-CI, Excel, Tableau, Power BI, Trello, ClickUp, Notion

PROFESSIONAL EXPERIENCE

Data Scientist | Bave Technologies

August 2024 – Till Now

Remote, Pakistan

As a Data Scientist at BAVE Technologies, I play a key role in building backend automation and AI solutions:

- Leveraged LLMs and generative AI to analyze stock market trends, financial data, and quantum data, delivering actionable insights for strategic decision-making.
- Designed and automated scalable data enrichment backend systems using Python and AWS (EC2, S3, DynamoDB, Cognito) to streamline workflows and enhance efficiency.
- Implemented full-solution backend architectures using Python, AWS, and FAST API, enabling data-driven decisions and supporting innovative AI-powered services for startups.

Jr. Data Scientist/Analytics | Acgile

Aug 2023 – Dec 2023

Islamabad, Pakistan

As a Junior Data Scientist for a US-based drop shipping business, I worked on:

- Streamlined data-driven decision-making by developing and implementing data analysis solutions using Excel, Power BI, and Tableau. This included creating interactive dashboards to visualize key performance indicators (KPIs), identify trends, and uncover actionable insights.
- Automated and optimized various business processes, including shipping cost estimation and pricing strategies for a catalog of over 500,000 products. This involved managing databases, and FTP servers, and utilizing Python libraries like Requests, selenium, BeautifulSoup, and Scrapy for web scraping and data extraction.
- Enhanced operational efficiency by integrating and managing APIs for different eCommerce platforms. This facilitated seamless synchronization of inventory data to the front end, improving data accuracy and responsiveness.

Data Science Fellowship | Bytewise Limited

Mar 2023 – June 2023

Remote, Pakistan

- Gained practical experience through real-world projects and mentorship from industry experts, utilizing data analysis tools, programming languages, and statistical techniques to conduct advanced analyses, including web scraping, data mining, data manipulation, visualization, and applying methods like hypothesis testing, A/B testing, and regression analysis to extract insights and drive data-driven decisions.

Data Scientist Internship | [Technocolabs Softwares](#)

📅 Sep 2022 – Oct 2022

📍 Remote, India

- Developed and implemented machine learning models for various data analysis tasks, such as regression, classification, and clustering. Utilized popular libraries and frameworks, such as sci-kit-learn, TensorFlow, or PyTorch, to build and train models for predictive analytics.
- Collaborated with cross-functional teams, including data engineers, business analysts, and stakeholders, to understand project requirements and deliver actionable insights.

VOLUNTEER EXPERIENCE

Team Lead | [Google Developers Group Cloud Islamabad](#)

📅 July 2023 – Till Now

📍 Islamabad, Pakistan

- Led diverse teams in logistics, outreach, partnerships, and registration for 15+ GCP-focused events.
- Organized and executed seamless events, enhancing the GCP developer ecosystem in Islamabad.
- Developed strong leadership, organizational, and collaborative skills through volunteer management roles.

EDUCATION

Bachelors of Science in Computer Engineering | [COMSATS University Islamabad, Attock Campus](#)

📅 Sep 2019 – July 2023

📍 Attock, Pakistan

- Campus and Institute Gold Medalist with CGPA 3.79, Top 3 students throughout my educational career
- Google DSC Lead 2022-23, General Secretary IEEE and CSS

PUBLICATIONS

1. Mustafa, Ali, Farman Ullah, Mobeen Ur Rehman, Muhammad Bilal Khan, Shujaat Ali Khan Tanoli, Muhammad Kaleem Ullah, Hamza Umar, and Kil To Chong. **"Non-intrusive RF sensing for early diagnosis of spinal curvature syndrome disorders."** Computers in Biology and Medicine 155 (2023) IF: 6.698

CERTIFICATIONS

2024	Gemini API by Google - Udacity	🌐
2023	Data Analysis in Excel - DataCamp	🌐
2023	Project Initiation: Starting a Successful Project - Google, Coursera	🌐
2023	Create a Project Management Tracker using Microsoft Excel - Coursera Project Network	🌐
2023	Foundations of Project Management - Google, Coursera	🌐
2022	Intro to Machine Learning, Data Cleaning, Data Visualization, Pandas - Kaggle	🌐
2022	Object Localization with TensorFlow - Coursera Project Network, Coursera	🌐
2022	Image Segmentation with PyTorch - Coursera Project Network, Coursera	🌐
2022	Introduction to TensorFlow for AI, ML, and DL - DeepLearning.AI, Coursera	🌐
2021	Compose Music in Python using Earsketch - Coursera Project Network	🌐
2021	Python Data Structures - University of Michigan, Coursera	🌐
2021	Getting Started with Python - University of Michigan, Coursera	🌐

PROJECTS

2023	Worked on Amazon, eBay, Walmart, and Shopify APIs		🌐
2023	Tonsa Invoices Web Scraping Automation		🌐
2023	Web Scraping using Python (and BeautifulSoup)		🌐
2023	Image Classification with Keras - TensorFlow		🌐
2023	Investigating Netflix Movies and Guest Stars in The Office		🌐
2023	Build Your Own YeBot with OpenAI API		🌐
2022	Speech Processing Using MATLAB		🌐
2022	Predicting Big Mart Sale As a Data Scientist		🌐
2022	Predicting Hit Songs Using Repeated Chorus		🌐
2022	Object Localization with TensorFlow		🌐
2022	Deep Learning with PyTorch : Image Segmentation		🌐
2022	School Management System (Database systems)		🌐