

# Mohsin Latif

AI ENGINEER · DATA SCIENTIST

Berlin, Germany

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“Turning Data into actionable Insights”

## Summary

Microsoft Certified AI & Data Analyst currently working at BSH Berlin on the Shopfloor Analyzer project. Skilled in Python, SQL, and analyzing IFP logs. dedicated to bridging the gap between raw industrial data and strategic decision-making through advanced analytics and visualization.

## Skills

<b>Tools</b>	Microsoft Azure, Neo4j, Power BI, Power Automate, Power Apps, Elastic, Git, Data Fabric, Linux, Jira, Microsoft 365
<b>Generative &amp; Agentic AI</b>	Azure AI Foundry, n8n, Gemini Enterprise, Bosch AIM, BSH Docupedia, DIA Brain, LangGraph, DeepSeek, Grok, RAG, Copilot, Azure Cognitive Services
<b>Data Analysis</b>	Pandas, Numpy, Matplotlib, Seaborn, sk-learn, TensorFlow
<b>Programming</b>	Python, R, SQL, DAX, JAVA, Cypher
<b>Languages</b>	English, German, Urdu

## Work Experience

### BSH Hausgeräte GmbH

Berlin, Germany

DATA ANALYST WORKING STUDENT

June 2025 - Present

- Contributing in 'Shopfloor Analyzer' project within the BED team by integrating and analyzing In-Factory Programming (IFP) appliance logs to uncover production trends.
- Building interactive dashboards for Global and Local Process Owners (GPOs/LPOs) to visualize log data, significantly minimizing failure resolution time and optimizing workflows.
- Ensuring data quality and consistency of raw sensor/log data before ingestion, enabling reliable decision-making for stakeholders across the global factory network.
- Designed and developed proprietary Agentic AI models enabling real-time, AI-assisted diagnostics for production line issues, bridging the gap between AI innovation and real-world application.
- Partnering with cross-functional teams (Engineering, Operations, AI) to deploy scalable Industry 4.0 solutions and translate technical log data into actionable business insights.

### OptimusFox Ltd.

Lahore, Pakistan

AI ENGINEER

Mar. 2022 - Mar. 2024

- Identified AI/ML opportunities in the Healthcare sector, addressing key business challenges.
- Spearheaded Data Fabric integration, replacing Azure Analysis Service to achieve a 30% cost reduction and eliminate data redundancy.
- Led a team of 4 to develop a Denials Appeal module using ChatGPT, boosting operational efficiency.
- Implemented the RAG technique to train multiple GPT-based bots, enhancing decision-making from medicaid/medicare policies knowledge base.
- Managed and configured Azure services (Azure OpenAI, AI Services, Cognitive Search) for optimal performance and reliability.
- Developed and deployed healthcare-specific ML models using Azure AutoML and Python, enabling data-driven decision-making in Medical Claims Submission and Denials Management.
- Orchestrated data migration from Jira to Microsoft DevOps, achieving a 40% cost savings.
- Created interactive dashboards using Power BI, leveraging Data Visualization and Storytelling techniques.

### Fiverr

Lahore, Pakistan

DATA SCIENCE FREELANCER

Aug. 2020 - Oct. 2023

- Delivered comprehensive services in Data Science, Machine Learning, Graph Databases, and Microsoft Azure technologies.
- Converted SBML medical data into Neo4j Graph Database, showcasing proficiency in diverse data formats.
- Developed ChatGPT chatbots using GPT-3.5 Turbo and GPT-4 models, enhancing tires data for informative articles.
- Trained and deployed ML models to predict outcomes of SQA tests within DevOps Pipelines.
- Utilized Databricks to establish data infrastructure and create insightful stock data dashboards.

## Projects

## Edulga - Educational Data Analysis

Lahore, Pakistan

DATA SCIENCE ENGINEER

Jan. 2024

- Performed data analysis and implemented Graph RAG (Retrieval-Augmented Generation) using graph databases and OpenAI models to enhance learning experiences through personalized educational recommendations.

## Torrk.ai - Automated Company Profiling

Lahore, Pakistan

DEVELOPER

Feb. 2024

- Developed AI-powered solution using Deepseek and Llama models with PostgreSQL integration to automate company profile generation, reducing manual effort by 70% in data aggregation and content creation.

## AI Compliance System for United Tires

Lahore, Pakistan

AI ENGINEER

Mar. 2024

- Designed compliance recommendation system using advanced retrieval techniques (RAG) to process 50k+ tire policies across U.S. states, achieving 95% accuracy in regulatory compliance suggestions.

# Certifications & Awards

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## CERTIFICATIONS

2024	<b>Microsoft Certified: Fabric Analytics Engineer Associate (DP-600)</b> , Microsoft	Germany
2024	<b>Microsoft Certified: Azure Data Scientist Associate (DP-100)</b> , Microsoft	Germany
2023	<b>Microsoft Certified: Azure AI Engineer Associate (DP-102)</b> , Microsoft	Lahore, Pakistan
2023	<b>Databricks Lakehouse Fundamentals</b> , Databricks Academy	Online
2022	<b>Power BI Certificate</b> , Xperium Power BI Express Program	Online
2021	<b>AI/ML/DS Vocational Training</b> , NAVTTC, Govt. of Pakistan	Lahore, Pakistan

## AWARDS

2021	<b>City &amp; Provincial Level Winner</b> , National Idea Bank Competition	Punjab, Pakistan
2020	<b>Appreciation Award</b> , ACM(Association of Computing Machinery)	Lahore, Pakistan

# Education

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## BTU(Brandenburg University of Technology)

Cottbus, Germany

M.Sc. IN ARTIFICIAL INTELLIGENCE

Apr. 2024 - Current

- Currently pursuing an MS in Artificial Intelligence, actively cultivating expertise in cutting-edge AI methodologies and applications.

## CUI(Comsats University Islamabad)

Lahore, Pakistan

B.Sc. IN COMPUTER SCIENCE

Feb. 2018 - Mar. 2022

- Completed a Bachelor's in Computer Science with a specialization in Artificial Intelligence/Data Science.