

Rehmat Bukhari

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OBJECTIVE

Data Scientist specializing in machine learning and deep learning, with a focus on automation and efficiency improvements. Proven success in advancing operational efficiency through innovative technology solutions. Eager to contribute deep analytical expertise and technical skills in a challenging new role.

EXPERIENCE

CEE-SOLUTIONS

KARACHI, PAKISTAN

Data Scientist II

February 2024 - Present

- Led a Computer Vision pipeline (OSA/SOS/Plano-Guide) using **YOLO**, achieving **95%** SKU detection accuracy and reducing merchandiser manual work by **40%**.
- Built a business analyst chatbot using LLM + RAG with Tableau integration, enabling clients to query KPIs, view dashboards, and receive actionable insights, reducing extensive data findings and reducing manual work by **35%**.
- Automated OCR-based PDF processing and Python-based payout calculations, enhancing data workflows and reporting accuracy

Data Scientist I

August 2023 - February 2024

- Applied OR-Tools for delivery optimization, boosting fleet utilization to **80%** while respecting driver shift limits.
- Developed a service which generated E-contracts for clients like L'oreal and Unilever and reduced the vendors' manual work by **40%**.

Data Science Intern

May 2023 - July 2023

- Mastered Tableau to automate and streamline the creation of insightful dashboards and reports.
- Streamlined the creation of Tableau dashboards, significantly improving report generation efficiency and data visualization processes

TECHNOCOLABS SOFTWARE

KARACHI, PAKISTAN

Data Science - Intern

February 2023 - April 2023

- I worked individually and, in a team, to perform data analysis and using different data science techniques through python.
- Applied techniques like EDA, PCA, Feature Engineering and many other datasets to apply ML algorithms.

EDUCATION

BAHRIA UNIVERSITY

Karachi, Pakistan

Bachelor of Science in Computer Science - CGPA 2.89

January 2020 - January 2024

PROJECTS

UNILEVER INCENTIVE CALCULATOR - CEE SOLUTIONS

Company Product

February 2024 – October 2024

- Automated complex formula calculations for vendor payouts, reducing a **21-day** process to minutes using Python, and streamlined a one-day data verification.
- Compressed a **172-column** report into four key output columns, preserving full data accessibility via an on-demand portal.

PARCEL DELIVERY - CEE SOLUTIONS

Company Product

January 2024 – June 2024

- Developed an AI-driven algorithm combining Clark-Wright Savings Algorithm and OR Tools for optimizing parcel delivery routes, ensuring **80%** vehicle capacity utilization and compliance with drivers' maximum 8-hour shifts.
- Implemented a sophisticated route generation and AI-based tracking model, which ensured efficient and timely parcel deliveries, significantly boosting customer satisfaction and operational throughput.

DOCUMENT CLASSIFICATION - CEE SOLUTIONS

Company Product

December 2023 - Present

- Employed specialized techniques to accurately extract **361 data points** from extensive PDF files, effectively segmenting embedded documents for enhanced accessibility.
- Achieved a **91%** accuracy rate in data extraction and processing, significantly enhancing reliability and usability for client applications.

RETAIL PULSE IMAGE DETECTION - CEE SOLUTIONS

Company Product

May 2023 - Present

- Developed image recognition achieving **95%** SKU detection accuracy, optimizing data collection and enabling tailored reporting, while reducing report generation time by over **50%**.
- Optimized the model to detect the Share of Shelf (SOS) for the shelf and calculating the Shelf compliance, reducing the merchandiser's time by 15%

GENIE – RETAIL PULSE - CEE SOLUTIONS

Final Year Project

January 2025 - Present

- Designed and deployed an AI chatbot using **Vertex AI (Gemini API)** integrated with the internal database, enabling users to query business KPIs and performance metrics through natural language.
- Achieved a **25% reduction in manual reporting workload** for business analysts by automating insight generation and on-demand KPI access for retail clients.

TECHNICAL SKILLS

- | | |
|--|---------------------|
| • Python (TensorFlow, Scikit-learn, Matplotlib, Flask) | • Vertex AI, OpenAI |
| • Power BI/ Tableau | • Airflow/Spark |
| • SQL | • Azure/AWS |
| • Docker/Kubernetes | • Linux |

CERTIFICATIONS

- | | |
|---|---|
| • IBM Data Science – Professional Certificate | • DeepLearning.AI TensorFlow Developer |
| • Google Data Analytics | • Deep Learning Certification (DeepLearning.AI) |