MUHAMMAD MURTAZA NADEEM
Data Analyst

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Professional Experience

Aerodyne Pakistan   Lahore, Pakistan
Data Analytics and Annotation Executive   *July 2023 – Present*
Contributed to the Data Analytics and Annotation squad, engaging in Python scripting, domain-specific operational tasks, and collaboration with external stakeholders. Key responsibilities and projects include:
– Conducted data processing and proposed product enhancements based on domain expertise; identified and reported bugs, improving product quality
– Analyzed telecom defects to create insights for developing annotation guidelines, supporting AI model training
– Performed and reviewed 2D annotations, ensuring the creation of accurate training datasets for AI models
– Extracted, cleaned, and processed large datasets using Python, Pandas, and Excel
– Conducted web scraping to expand the telecom equipment library
– Partnered with external stakeholders to align on project goals and ensure successful outcomes
– Interviewed, onboarded, and mentored interns, fostering integration and productivity within the team

Unilever Pakistan Limited   Karachi, Pakistan
Supply Chain Trainee – Homecare   *November 2021 – June 2023*
Led cost optimization initiatives and executed high-impact projects within the Operations and Technology team. Focused on improving operational efficiency and sustainability particularly within the spray drying powder technology plant. Key responsibilities and achievements include:
– Led end-to-end execution of a 50% capacity unlock on 4 Bosch2600 packing lines, increasing packing capacity by 15 tons/day and achieving record production volumes of 100K tons annually
– Spearheaded the implementation of barcode-based printing on product outers to accommodate immediate price changes. Simultaneously, decreasing material waste by PKR 2.5 Mn. per revision
– Boosted Overall Equipment Effectiveness (OEE) by 5% through strategic maintenance, training initiatives, and design enhancements
– Conducted feasibility studies and secured approval from key stakeholders for a PKR 300 Mn. CAPEX projects, aligning with long-term strategic goals
– Oversaw the revamping of a 100kW solar setup, enhancing generation by 27%
– Led the feasibility study, FEED and CAPEX allocation for a new 360 kW solar setup
– Managed the integration of Siemens Electricity Monitoring System to optimize site-wide electrical consumption

Education

Information Technology University   Lahore, Pakistan
Master of Science in Data Science   2024-2026

Information Technology University   Lahore, Pakistan
Bachelor of Science in Electrical Engineering (CGPA: 3.53)   2017-2021
Final Year Project: Spectroscopy-Based Chemical Analysis Using Artificial Intelligence
– Predicted the chemical properties of soil using the LUCAS dataset
– Applied data pre-processing; used linear, non-linear regression models, random forest and neural networks
Activities & Societies: General Secretary, IEEE ITU Student Branch

Internship & Volunteer Experience

Nestlé *Supply Chain Intern: August – September 2021 (4 Weeks)*

PepsiCo *Logistics Intern: June – August 2021 (4 Weeks)*

Industrial Monitoring & Automation Lab, ITU *Business Development Intern: August – September 2020 (6 Weeks)*

Shaukat Khanum Memorial Cancer Hospital and Research Centre *Lead Volunteer: August 2019 (2 weeks)*

Packages Limited *Engineering Intern: June – July 2019 (6 Weeks)*

Professional Development

Amal Academy   Lahore, Pakistan
Career-Prep Fellow: March – June 2021 (3 Months)
– Developed strong interpersonal skills, including communication, leadership, problem-solving, and teamwork, to drive impactful contributions in professional settings