

ABDUL RAHMAN KADRI

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[Github.com/aokadri11/AbdulRahman_Portfolio](https://github.com/aokadri11/AbdulRahman_Portfolio)

PERSONAL PROFILE

I am a highly motivated graduate with a passion for data analysis. I have expertise in Excel, including pivot tables, data visualisation, data modelling, and SQL, with knowledge of stored procedures, CTEs, T-SQL, and SSMS. I also have experience with Power BI, including data visualisation, data modelling, and creating dashboards and reports. My strong technical skills and ability to communicate and solve problems effectively make me a valuable asset to any data analysis team. I am eager to apply my skills and knowledge to take on new challenges and contribute to the organisation's success.

KEY SKILLS & COMPETENCIES

- Strong data analysis skills: Proficient in Excel (pivot tables, power pivot, data visualisation, data modelling, VLOOKUP, filters, slicers, timelines), SQL (stored procedures, CTEs, window functions, DML, DCL, DDL, T-SQL, SSMS), and Power BI (data visualisation, data modelling, Power BI Service, dashboard, reports).
- Analytical and problem-solving abilities: Ability to perform calculations and detailed analysis.
- Mechanical and design engineering knowledge: Extensive knowledge gained through academic and professional experiences.
- Project management: Proven experience managing projects through the entire project lifecycle with industry standards and best practices.
- Technical design skills: Experience creating complex prototypes using AutoCAD and SolidWorks and developing 3D models based on design principles for manufacture/assembly.
- Technical knowledge: Knowledge of GD&T, FEA, root cause analysis, and DFMEA to address design issues.
- IT/Software proficiency: Proficient in SolidWorks, AutoCAD, ANSYS, Microsoft Office Suite, COMSOL, and MATLAB.
- Time management: Highly organised, focusing on meeting task deadlines within identified timeframes.
- Interpersonal and team-working skills: Strong interpersonal skills and ability to collaborate effectively as a team player, with abundant personal energy, passion, and drive.

RELEVANT WORK EXPERIENCES

Data Analysis – Purple Beard (U.K.)

Jan 2023 – Mar 2023

- Developed pivot tables, data visualisation and modelling in Excel to analyse sales data and forecast future trends.
- Utilized advanced SQL techniques such as CTEs, Window Functions, and DDL to extract, transform and load large datasets for research projects.
- Analysed and visualised customer data using Excel and Power Pivot to provide actionable insights.
- Developed and executed stored procedures in SQL to gather and analyse large data sets.

- Created and maintained various dashboards and reports using Excel and Power BI to monitor performance metrics and identify areas of improvement.

Lead Design Engineer – University of Leicester (U.K.)

Sept 2021 – Mar 2022

- Managed the mechanical design of a fighting robot.
- Implemented effective communication coordination between team members, resulting in a 15% increase in efficiency.
- Managed the design engineers, assigned roles based on abilities and provided technical advice and support.
- Monitored the progress of projects from design to implementation, consistently resolving issues on time in 95% of cases.

Network Intern – MTN Nigeria Communications Plc (Nigeria)

Aug 2020 – Aug 2021

- Utilised Excel to store data, analyse sites' power consumption and forecast future trends.
- Successfully reduced unplanned downtime and provided exceptional technical support during operations and maintenance.
- Acquired extensive experience in operation and maintenance of power generation equipment, utilising appropriate personal protective equipment.
- Conducted thorough equipment inspections and prepared detailed malfunction reports to ensure optimal and safe equipment function.
- Actively participated in technical support activities, including meetings, training sessions and seminars.
- Continuously monitored and performed preventative maintenance to minimise equipment breakdowns.

Brand Ambassador – The Limitless Group (U.K.)

Jul 2022 –

Aug 2022

Food Production Operative – Bakkavor Desserts (U.K.)

Feb 2022 –

Jul 2022

Warehouse Operative – Tayto Group (U.K.)

Oct

2021 – Feb 2022

Design Engineer – University of Leicester (U.K.)

Sept 2018 –

Jun 2019

EDUCATION

2017 – 2022: **MEng in Mechanical Engineering – University of Leicester (U.K.)**

References available upon request.