**ABDUL RAHMAN KADRI**

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#### 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.***