**Sanford Salcedo**

**IT Consultant**

**Profile**

Sanford is a Data Analyst who has worked at GoCompare and AON under placements with FDM Group. Between the two placements, spaning 2 years, Sanford gained indepth knowledge of SQL, which is his key strength, as well as skills in gathering stakeholder requirements and producing solutions to meet them. While at AON, Sanford gathered and analysed business requirements and translated them into solutions. The role also required good interpersonal skills to assist peers in using the SQL language to achcive their requirements. Sanford is a teamplayer and proven in beng able to be calm headed when working under pressure and dealing with challenging situations.

Sanford is a Chemical and Energy Engineering Graduate from the Generic Univeristy. His degree developed his skills in gathering, analysing and disseminating information, as well as maintaining project documentation and optimising processes. This encouraged Sanford to persue the Business Intelligence pathway as he would be able to apply his strong numerical and logical reasoning to solve business problems. Sanford is looking forward to working for an organisation that will allow him to grow as a professional and as an individual, in a role that will have an impact within the technology industry.

**FDM Employment History**

**AON, Chelmsford, England October 2019 – May 2020**

*Data Analyst*

Sanford was part of the UK Business Insight team of AON, where he was a data analyst and helped with projects that involved the decommissioning of an old database, producing datasets and reports for stakeholders, as well as helping the daily business requests from the business for the team.

* Utilizing and manipulating large sets of data to develop and automate end user applications and reports
* Participate in strategic initiatives related to process improvements
* Created client reports, charts, tables and similar to reflect data analysis
* Responded accordingly to data analysis requests that are urgent in nature
* Worked with analysts and other business users to understand ideas and produce deliverables of business value
* Developed solutions and processes, where each solution was tested before production and peer reviewed by a senior member of the team.

**Technologies Used:**

Microsoft SQL Server Management Studio, Impala, PowerBI, Microsoft Excel

**GoCompare, Newport, Wales June 2018 – September 2019**

*Graduate Data Engineer*

Sanford was part of the Data Warehouse team for GoCompare, where he was a Graduate Data Engineer and helping with projects like the launch of a new brand, WeFlip, as well as other minor projects and helping with the daily business requests for the team.

* Design and implements ETL strategies and solutions, where Sanford had to integrate raw data of different formats like flat files and excel spreadsheets which where either provided directly from the partners or by cloud services like the Google API.After extracting the raw data, the data was “cleaned up” and transferred to the database using SQL Server Integration Services (SSIS), making sure the data meets our data requirements and using the data extracted to produce reports using SQL Server Reporting Services (SSRS), which represents the data extracted to meet the needs of stakeholders within the company.
* Designed and developed BI solutions and processes, ensuring that each solution that was thoroughly tested before implementation, peer reviewed and followed up with clear documentation.
* Idenitfying opportunities to automate tasks and deliver generic frameworks which can be leveraged by different technical teams.
* Working with data scientists and other business users in an agile manner to understand and discover the potential business value of new and existing data sets and productionise the resulting discoveries.
* Participating in the development of architectures, strategies and policies around data governance; including master data management, data quality and data profiling.

**Technologies Used:** Microsoft SQL Server Management Studio, Microsoft Visual Studio, Microsoft Access, SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS)

**FDM Training**

**FDM Academy, London March 2018 – May 2018**

Sanford is completing the Business Intelligence programme. This programme includes the following modules:

1. **Professional Skills** including development lifecycle, presentations & report-writing;
2. **Structured Query Language** including database manipulation;
3. **Excel including VBA,** Solver, Aggregate Functions, Nested If statements, V-Lookups;
4. **Unix** including Vi Editor, Shell Scripting;
5. **Web Apps Design** including HTML 5, CSS3, JavaScript, XML & XSL;
6. **BI Concepts & data warehousing concepts** including Dimensional & Traditional Data Modelling and Schemas;
7. **Extract, Transform, and Load(ETL)** including the generation of transformation packages through SSIS;
8. **Data visualisation** including the theory behind affective UI & UX through requirements analysis and persona creation;
9. **Business Intelligence Project** including the development of an end to end reporting solution for a Business;
10. **Sign Off Week** including a revision of the BI Life cycle; back, middle and front-end.

**Previous Employment History**

**ALS Food and Pharmaceutical, Sittingbourne, Kent, UK October 2017 – January 2018**

*Microbiology Laboratory Technician*

* Analytical testing of food and drink, dairy, water and pharmaceuticals, with a range from microbiological, physical to chemical testing services.
* Performed tests using the documented methodology, maintaining high levels of quality control.
* Complied with the site Quality Management systems, health and safety procedures, protocols, and also ensuring that the laboratory areas are kept clean and tidy.
* Performing daily quality control checks and calibrations.
* Used the Analytical Laboratory Information Management System (ALIMS) with MS Word and MS Excel to analyse data from tests and communicate the findings to different departments.

**No. 4 African Cuisine, Chatham, Kent, UK June 2016 – October 2017**

*Part-Time Bar Manager*

* Ensured that the customer service provided by the staff was satisfactory
* Took daily inventory of the stock within the restaurant, and when the stock ran low, contacted suppliers to arrange delivery and negotiate price for the products required.
* Training and managing staff, ensuring they are motivated to deliver excellent and efficient service at all times, and also ensure that they are aware of the health and safety rules.
* Used initiative to improve sales with the introduction of special deals on particular days in the week, like making Saturday, “Grill Day”, which brought out the community within the region to enjoy the meal and increase awareness of the restaurant.

**Education**

**Generic university September 2013 – July 2017**

**MEng (Hons.) Chemical and Energy Engineering, 2:2**

Modules included:

Introduction to Energy Engineering, Fluid Flow, Thermodynamics and Heat Transfer, Modelling Concept and Tools, Electrical, Electronic and Computer Systems, Advanced Conventional Energy, Sustainable Construction and Power System Economics

**Generic Sixth form September 2011 – July 2013**

**A Levels: Mathematics (A\*), Further Mathematics (B), Chemistry (B), Physics (C)**

Awarded Overall Best Chemistry Student and Nominee for Overall Best Mathematics Student

**Other Skills:** Intermediary level in AutoCAD, MATLAB, Python, Java, MS Office (Word, Powerpoint, Excel and Outlook).

Fluent in English and Yoruba. Beginner level in French, Japanese and Portuguese

Certificate of BIIAB Level 2 Award for Personal License Holders

**Interests and Activities**

Sanford represented the Generic University Athletics team in 60m, 100m and 200m between 2015 and 2016. Captained the Generic University Men’s Football team where they were crowned the Birmingham County FA Champions of the 2016/2017 season. In the summer of 2014, Sanford was given the title of the fastest football player in the UK, and represented the UK in the Western European finals, where he came 4th according to Nike. Sanford has previously volunteered in an orphanage in Nigeria where he helped with the running of the orphanage, the daily wellbeing of the children and also hosted fund-raising events that made about 500,000 naira (approximately £1000).