FUNKE OLALEYE

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SUMMARY

- Innovative Data Analyst with a Masters in Computer Science and a certificate in Data Science.
- Highly skilled at deriving actionable business value and insight from large (un)structured data.
- 6+ years of Business Analysis and Process Improvement for Technology and Banking firms.

TECHNICAL SKILLS

Tools: Python (Pandas, NumPy, Matplotlib, JSON), R, SQL, Tableau, Power BI, Amplitude, Big Data (Hadoop, Spark, AWS), Machine Learning (Scikit-learn, Amazon Sage Maker), NPL, Advanced Excel, VBA

Databases: PostgreSQL, MySQL, MongoDB SQL, SQLite

Other Projects: Created a standardized index to categorize the risk level of covid-19 spread in communities.

EXPERIENCE

Data Analyst   March 2020 – To Date
Sound of Your Love (A FaithTech Labs company)   Kitchener, ON

Created use cases to define requirements using agile framework. Designed data model. Tested end to end messaging service functionality. Analyzed datasets using Python, SQL queries, BI tools. Developed, maintained and monitored actionable dashboards and reports using Amplitude. Interpreted data and analyze results using statistical techniques.

Key Accomplishments:

- Define KPIs, develop metrics and maintain actionable dashboards to understand customers behavior, determine improvements, and drive business decision.
- Designed a centralized message streaming service (soundofyourlove.com) for isolated COVID patients.
- Conduct marketing research and analysis report to efficiently achieve objectives.
- Develop solutions for key business initiatives ensuring alignment with future state analytics vision and product road map.

Data Analyst   May 2019 – Nov 2019
Rutgers University Data Science Program   New Brunswick, NJ

Researched, mined and cleaned data using Pandas and NumPy to gain actionable insights. Analyzed dataset using SQL queries. Created visualizations using Matplotlib and Python libraries. Created dashboards using JavaScript, Plotly, D3, R and Tableau. Implemented machine learning model using Scikit-learn.

Key Accomplishments:

- S&P 500 Stock Prediction: Implemented machine learning model to group performing stocks returns using K-Means Clustering (Python, Pandas, SQL, Scikit-learn)
- Life-Expectancy Visualization: Analyzed and visualized the correlation between world GDP and life expectancy in various continents and countries over a 50-year period (Python, Pandas, Matplotlib)
- Web Visualization Dashboard: Created a dashboard that analyzed weather changes at difference latitudes relative to the equator via an ETL process (Pandas. HTML, CSS. Bootstrap, API)
- CitiBike Visualization Dashboard: Created a dashboard that analyzed CitiBike utilization to improve the city program. (Pandas. Tableau)

Business Analyst   Sept 2012 – April 2019
Timbrel   East Brunswick, NJ / Kitchener, ON
Translated business requirements to technical designs with use case analysis, process and data modeling.
Reviewed project artifacts, business requirements and solution specifications for completeness, accuracy and
business analysis best practices.
Key Accomplishments:
- Modified data warehouse to support new internet services
- Implemented a new process to enhance anti-money laundering capabilities for credit card payment
- Designed a web application that detect data quality issues in wealth management transactions data
- Created a new system to ensure regulatory compliance to identify suspicious financial transaction
- Worked on UX design for a mobile application development that improved customer satisfaction and
  retention

Requirements Manager/ Business Analyst   July 2008 – Aug 2012
BlackBerry   Waterloo, ON
Elicited and analyzed Infrastructure, Provisioning, functional and security requirements including data analysis.
Decomposed business requirements from multiple sources and produced technical requirements using Use
Cases, User Stories, MS Visio, Enterprise architect and MS Office Suites in Agile and waterfall development
environment.
Key Accomplishments:
- Mitigated risk of data loss in infrastructure, provisioning and services significantly by complying with
  security policies and implementing Identity and Access Management system.
- Recognized for modeling new end to end process that enhanced the efficiency of recycling devices
- Worked on special projects to support 200+ services and datacenters to maximize fault tolerance and
  reduce service disruptions to clients and subscribers.
- Implemented Authentication Authorization and Accounting (AAA) services that enforces security
  policies, protect against spoofing and save money for the company
- Developed a new validation system which secure identity and authorize services
- Redesigned requirements management processes to prioritize customer requests and mentored 2
  junior business analysts

Business Analyst   July 2007 – April 2008
CIBC Bank   Toronto, ON
Worked as a Liaison with stakeholders and created credit card and payment processes documentation.
Gathered and analyzed business requirements and prepared functional system specifications to mitigate fraud
losses and increase credit card operational efficiency.

Business Analyst   May 2006 – March 2007
TD Bank   Mississauga, ON
Elicited and authored detailed requirements document using information gathered from SMEs. Minimized
business and operational risks by identifying and eliminating gaps and redundancies in business processes.
Re-designed branch service processes to minimize bank losses.

Consultant   March 2006 – May 2006
McMaster University   Hamilton, ON
Developed a web-based record management database from paper-based documentation. Reduced access
time to patient data. Coordinated end to end functional testing on different browsers and system environments.

EDUCATION
Certificate in Data Science: Rutgers University, New Brunswick, NJ
Masters of Science in Computer Science: Kent State University, Kent, OH
Bachelors of Science in Electrical/Electronics Engineering: Yaba College of Technology, Yaba, Lagos