

ADEOLUWA BUKOLA

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Profile

Enthusiastic and detail-oriented Python Developer with a strong foundation in data analytics and a passion for software development. Demonstrates exceptional analytical and technical skills, coupled with a proven ability to collaborate within cross-functional teams. Adept at problem-solving and driven by motivation to contribute to the success of development projects. Excited about leveraging agile methodologies to enhance project delivery speed and efficiency. Proven track record in supporting business operations through innovative solutions. Seeking a challenging Junior Developer role to apply these skills and grow within a dynamic team.

Education

MASTERS IN TECHNOLOGY INNOVATION AND MANAGEMENT June 2023
Carleton University – Ottawa, ON

BACHELOR OF SCIENCE IN COMPUTER SCIENCE June 2019
Babcock University – Ogun, Nigeria

Certification

- **Python:** Master Programming and Development - Udemy 2023
- **PL-300:** Microsoft Power Bi Data Analyst – Udemy 2023
- **Microsoft Certified:** Azure Fundamentals 2023

Professional Experience

JUNIOR PYTHON DEVELOPER – Knfrmd Web Corp – *Ottawa, ON* March 2023 - present

- Pioneer the integration of Langchain and OpenAI, resulting in a 20% increase in data analysis efficiency and uncovering previously undiscovered insights crucial for strategic decision-making
- Implement advanced Natural Language Processing (NLP) techniques using the nltk library, leading to a 15% improvement in extracting meaningful information from text data
- Successfully developed and deployed efficient scraping techniques with BeautifulSoup, contributing to a 30% reduction in data processing time
- Collaborate with a team of developers to optimize code for better performance, resulting in a 10% reduction in application response time
- Create and maintain documentation for the application, ensuring ease of use for future developers and reducing onboarding time by 20%

DATABASE ANALYST – Guaranty Trust Bank – *Abidjan, Cote d'Ivoire* January 2021 - October 2021

- Engineered and implemented a reporting process using Excel Pivot and VBA, resulting in a 50% reduction in processing time and significantly enhancing data analysis capabilities
- Generated weekly process reports using SQL, providing critical insights for financial and developmental analysis, contributing to informed decision-making
- Developed and implemented user-defined functions, optimizing database performance, and achieving a 40% improvement in efficiency
- Received commendation for offering adept technical support for over 10 applications and their databases, ensuring seamless operations for both internal and external users

IT TECHNICIAN – National Social Insurance Trust Fund - *Lagos, Nigeria* December 2019 - October 2020

- Ensured strict adherence to company hardware, software, and security configurations, achieving 99% uptime for critical systems
- Conducted research and provided recommendations for new software and hardware solutions, resulting in a 20% enhancement of day-to-day activities and overall efficiency
- Acted as a liaison between vendors and end-users, successfully resolving hardware and software issues, leading to a 25% improvement in system reliability
- Analyzed user needs and proposed effective solutions, resulting in a 30% improvement in user experience and productivity

Skills

- **PROGRAMMING LANGUAGES:** SQL, Python, JavaScript
- **ANALYTICS TOOLS:** Power BI, Microsoft Excel, Google Sheets
- **WEB TECHNOLOGIES:** HTML, CSS, NEXT.JS, REACT, NODE.JS

- **FRAMEWORKS:** DJANGO, RESTAPI, FLASK, GIT
- **ANALYTICAL SKILLS:** Requirements gathering, Data Reporting, Data Analysis and Visualization
- **COMMUNICATION SKILLS:** English(Proficient), French(Conversational), CRM (Customer relationship Management)

Key Projects

RESEARCH PROJECT - CARLETON UNIVERSITY: "ONLINE COMMUNITY AFFORDANCES FOR JOB SEEKERS"

- Applied Latent Dirichlet Algorithm to analyze conversation data from Reddit subreddits related to software development and job search
- Conducted data collection, cleaning, and preprocessing, utilizing Python for statistical analysis
- Presented findings in a comprehensive report to the university faculty, showcasing the impact of online communities on job seekers

YOUTUBE CONTENT AUTO GPT – PERSONAL PROJECT

- Developed an application to auto generate YouTube title and script based on a human prompt using Python's Langchain and OS libraries
- Utilized Python's streamlit library to create the web application
- Utilized OpenAI as the LLM to understand and generate human-like text based on the input

KPMG VIRTUAL INTERNSHIP

- Completed a simulation focused on advising a client on customer targeting with the Data Analytics & Modelling team
- Assessed data quality and completeness in preparation for analysis
- Analysed data to target high-value customers based on demographics and attributes
- Developed dashboards to communicate findings with visuals

DATA SCIENCE JOB MARKET EDA – PERSONAL PROJECT

- Conducted an extensive analysis of 7000 data science job listings using Python
- Aggregated and visualized data with pandas, matplotlib, and word cloud, presenting insights in a professional report analysis

Volunteer

AUDIO VISUAL AND TECHNICAL TEAM - RCCG Overcomers Chapel – *Ottawa, ON*

- Collaborated in providing audiovisual and technical support during services and events, ensuring a seamless experience for attendees