Samuel Adekanmbi

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Personal Profile:

A certified database expert and software developer with rich technical background. Passionate about deploying technology to solve business problems and making technological tools available to less privileged communities thereby enhancing the quality of life and facilitating economic development.

Experienced in the use of Azure (Data Factory, Databrick, Data Lake, Synapse Analytics) Power BI, ETL, Python, SQL (MySQL and MSSQL), Stored Procedures, Prepared Statements, Version Control, Github, PHP (Laravel framework) and Office 365.

Work Experience:

Wyggeston and Queen Elizabeth I College, Leicester   **Jan, 2023 – July, 2023**
Role: Information Communication Technology Teacher

- Teaching ICT/Computer Science using a curriculum that encourages investigation, questioning and analysis of databases and cyber-security.

- I plan, prepare and deliver creative lessons that develop pupils of mixed abilities; giving them every opportunity to achieve and exceed their target grades.

Botsurance Limited, Nigeria   **Feb, 2021 – Dec, 2022**
Role: Data Engineer

- Built Power-BI dashboard to visualize our core business KPIs. (e.g. number of vehicles insured by agents daily, Monthly recurring revenue)

- Constructed a data pipeline to process data by incorporating 2 million raw records for 4 data sources.

- I lead the product team and also ensured we remained in business.

AppRangers Limited   **Jan, 2017 – May, 2021**
Role: Software and Database Developer

- Part of the team that developed a 360 degree feedback assessment software for a leading telecommunication firm; the data generated were used by the client to make administrative decision relating to pay and promotion.

- Created Tables, Views, Triggers, Cursors, Dynamic Stored Procedures, User Defined Functions and other Transact-SQL(DDL, DML) statements for various applications.

- Part of the team that developed "LINKS" - an application to aid logistical processing for maritime companies in the Nigerian maritime space, in order to reduce dwell times and improve data retrieval and turnaround times at the ports.

- Successfully led the team that deployed the QR Code for the highest grossing Nigerian film. The QR code was placed on tickets and in various cinemas. It linked to the video trailer of the movie which had over 1,000,000 views on YouTube.

- Coordinated the database modeling of an online medical resource which is being used by thousands of healthcare professionals for clinical information.

- Maintained and improved different relational database code as per business needs.

- Expert in automating process by creating jobs, and error reporting using SQL Mail Agent.
- Good understanding of Normalization and database design methodology.
- Tested and checked for bugs in SQL.

Faculty of Science, University of Ibadan   **April, 2012 – June, 2016**
Role: Web Developer and Administrator

- Meeting the dean of students and staffs to identify the needs of the faculty and the students and liaising regularly with them.
- Drew up detailed website specifications and page layout.
- Registered web domain names and organized the hosting of the website.
- Search engine optimization
- Met relevant legal requirements such as accessibility standards, freedom of information and privacy of students.
- Proofread content and made changes where necessary;
- Liaising with undergraduate students to have up-to-date course information on faculty website.
- Handled all technical support.

Onward Paper Mill Ltd.   **March, 2011 – February, 2012**
Role: IT Support Specialist

- Installed and configured computer hardware operating systems and applications.
- Monitored and maintained computer systems and networks.
- Set up new users' accounts and profiles and dealt with password issues.
- Evaluated system and network problems and diagnosed and solved hardware or software faults.
- Replaced parts as required by following diagrams and written instructions to repair a faulty system;
- Conducted electrical safety checks on computer equipment.

Selected Recognitions:

- One of five I.T. experts in Africa selected by Microsoft to participate in expanding the conversation on disruptive technologies including IoT, Blockchain and Artificial Intelligence while also gaining hands-on experience at the Microsoft Cloud Society's Camp in Mauritius.
- Volunteered with Facebook and Testathon team to understand how Africans consume content on the Facebook platform while providing relevant insights into making the mobile app data-free and adaptable to the local audience.
- Facilitated session on digital transformation and innovations at Eko Youth Forum.

Portfolio: (LINKS for West Atlantic Ports Services Ltd.)

https://www.wapsonline.com

Links an application to aid logistical processing for maritime companies in the Nigerian maritime space, in order to reduce dwell times and improve turnaround times at the ports.

My Role:

I worked with the WAPS team to deliver this project.

As the lead developer, I worked alongside product managers, QA engineers and the customer facing team to analyse client requirements.

I led majority of the core web experience and wrote functions to control the scheduling of jobs and to control the access allowed to users of the application.
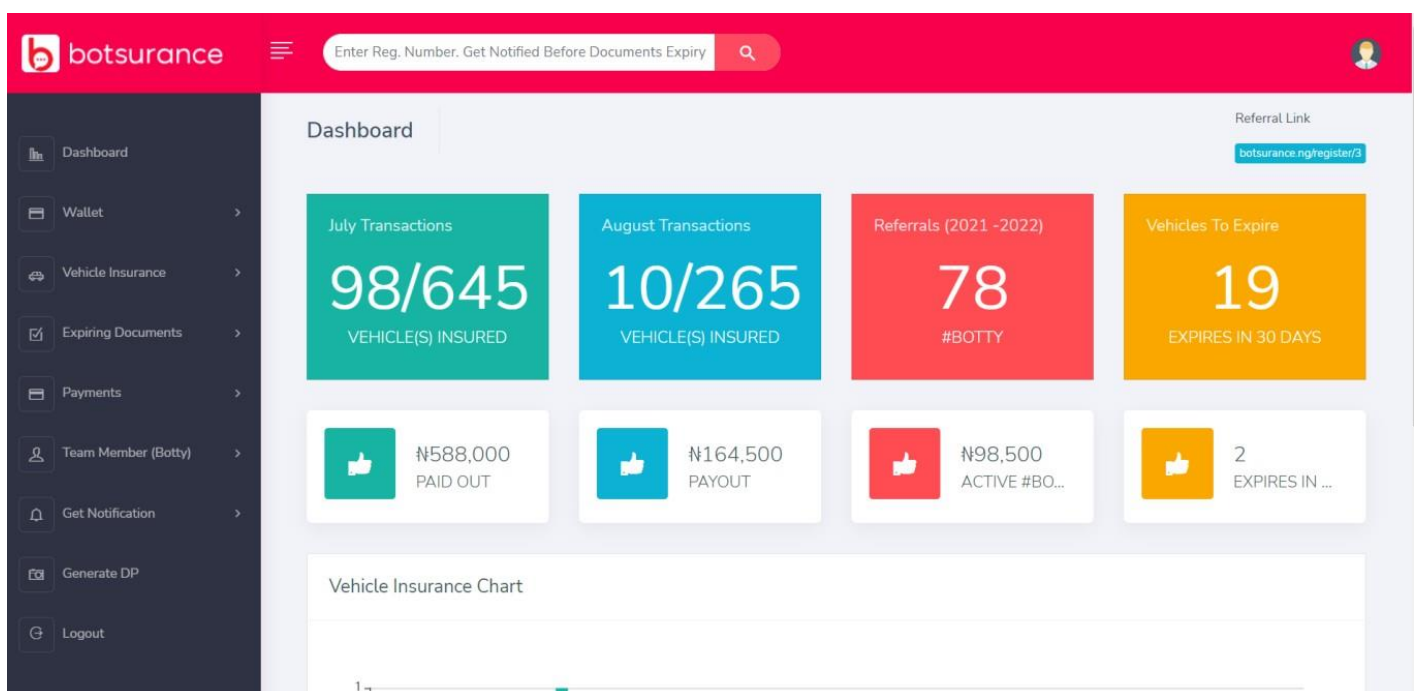
I created frameworks and create technical specifications.

The web application was built using HTML5, CSS, jQuery, Javascript, PHP and MySQL.

Portfolio: (Botsurance Admin Panel)

https://www.botsurance.co/agent

Botsurance helps Africans in underserved communities get genuine insurance cover in real-time using chatbot.

My Role:

I was the team lead on the project. We worked on the website and the admin panel.

I uncovered insights into customer needs and goals, balanced business goals and prioritized features for launch and beyond.

I worked closely with other developers, the project manager, graphic artists, UX designers, systems analysts and sales and marketing professionals consult clients and colleagues concerning the development of the application. We also maintenance and performance of the application, with a view to modifying current code.

The web application was built using HTML5, CSS, jQuery, Javascript, PHP and MySQL.

Publications:

- Vanguard – https://bit.ly/3kPdIWt
- Filtering Offensive Language in Online Communities (MSc. Thesis) https://www.slideshare.net/SamuelAdekanmbi/samuel-full-msc-project

Education:

University of Ibadan   **November, 2014**
MSc. Computer Science (Database Management) - Merit

University of Ibadan   **November, 2010**
BSc. Computer Science – Second Class Honours

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Certification:

Meta   **April, 2023**
Advanced Data Modeling - Merit

Meta   **November, 2022**
Database Structures and Management with MySQL – Merit

Oracle   **November, 2011**
Oracle Certified Associate(OCA) - Merit

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References:
Available on request.