

# Damilare David Adesanya

Amuwo Odofin Housing Estate, Mile 2, Lagos. | +2348084147536 | david.damilare008@gmail.com

[LinkedIn](#) | [GitHub](#) | [Website](#)

## EDUCATION

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**B.Sc Computer Science:** Olabisi Onabanjo University, Ago-Iwoye, Ogun State.

**| Sep 2016 - Aug. 2019 |**

**Coursework:** Algorithms & Data Structures, Operating Systems, Networks, Software Testing among many others.

## SKILLS

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**Programming languages:** Python, Javascript, Typescript, C#, SQL, NoSQL, HTML5 and CSS3.

**Frameworks & Technologies:** Angular, ASP.NET, Automatic Storage Management (ASM), Azure, Business Intelligence, Big Data, Data Guard, Git, Tkinter, Linux, Node.js, MySQL, SSMS, PostGreSQL, MongoDB, PowerBI, Microsoft Suite, DAX, Data Visualization, Data Analytics, Excel, ETL (Extract, Transform, Load), React.js, Statistical Modeling, Project Management, Recovery Manager (RMAN), Network Allocated Storage (NAS), Storage Area Network, Real Application Clusters (RAC), Oracle, ELK, etc.

## WORK EXPERIENCE

**CRC Credit Bureau Limited – Database Administrator**

**| December 2023 till date |**

- Monitor database performance, implement changes and apply new patches and versions when required.
- Perform regular database maintenance tasks such as backups, restores, and data integrity checks.
- Monitor database performance and resource utilization, proactively identifying and resolving issues to ensure optimal performance.
- Install, configure, and upgrade database software and related products.
- Assist in troubleshooting database-related application issues and performance bottlenecks.
- Implement database scaling strategies such as partitioning, sharding, or replication to improve performance and availability.
- Develop and maintain database backup and disaster recovery plans.
- Implement high availability solutions such as clustering, replication, or failover mechanisms to minimize downtime.
- Document database configurations, procedures, and troubleshooting steps.

**CRC Credit Bureau Limited – Data Analyst**

**| September 2022 – December 2023 |**

- Prepared monthly reports tailored for stakeholders, offering insights into data trends that empowered them to make informed, data-driven decisions crucial to the credit system's stability and effectiveness.
- Conduct in-depth analysis employing SQL and data mining tools, alongside spreadsheet applications, to ensure the comprehensive assessment and validation of credit data provided by member institutions, including commercial banks. This meticulous data scrutiny contributed to maintaining a high standard of data quality within the credit system.
- Conduct ETL (Extract, Transform, Load) operations on demographic and credit information datasets received from more than 200 financial institutions across Nigeria, ensuring the seamless integration of critical data into the credit system.
- Implemented Python scripts to rigorously clean and validate unique identifiers, including Bank Verification Numbers (BVN) and Business Registration Numbers, leading to improved data accuracy and compliance with industry standards. Reduced errors by 40% and saved 7+ hours per week in manual data cleaning processes.
- Collaborated closely with team leads and senior management to identify avenues for process enhancement, recommend system modifications, and formulate robust data governance strategies, all aimed at strengthening and optimizing the credit system.
- Facilitate training sessions for partner organizations, with a specific focus on imparting best practices in data reporting, which plays a pivotal role in maintaining data accuracy and integrity within the credit system.

**Microsoft ATO/ Elev8 Education, Lagos – Software Developer (Intern)**

**| April - July 2022 |**

- Collaborated and led a team of engineers to develop a web app (Zirconium), an SME marketplace. The application as implemented using ASP.NET (C#). Using the Agile methodology improved productivity by 50%. Voted best project in my cohort.
- Created stored procedures with SSMS to spool records from one table to another as well as insert, update, and delete records from the database. Also used predicates, aggregate functions, DCL, DDL and DML to manipulate data in a database.
- Developed web applications with the capability to perform Create, Read, Update, and Delete (CRUD) operations, and successfully implemented robust user verification and authentication processes.

## Precise Financial Systems, Lagos – Application Implementation and Support Engineer

|Feb. – March 2021|

- Provided technical support to customers via phone and email, troubleshooting hardware and software-related issues.
- Demonstrated robust technical acumen and application proficiency, leading to enhanced performance, ongoing improvement, suggestions, and innovation in product development.
- Deployed new applications to end users' machines remotely or onsite.
- Worked collaboratively with network and software engineers to deploy and configure applications on servers.
- Proficiently diagnosed and resolved technical issues for our esteemed company clients.
- Disassembled computer systems to troubleshoot and resolve hardware issues.

## PELSE Consulting, Lagos – Business Development Associate

|June 2020 – Jan. 2021|

- Contributed significantly to the development of business plans, sales pitches, technical presentations, and reference documentation.
- Displayed expertise in document drafting and technical content development, aligning closely with project requirements.
- Coordinated activities between internal departments to ensure efficient operations.
- Collaborated with cross-functional teams to develop innovative solutions for clients' needs.
- Oversaw the planning, supervision, and coordination of workshops and live events, simultaneously conducted market research to identify potential clients.

## CERTIFICATIONS

Remote Work and Virtual Collaboration Professional Certificate	May 2022
Python for Data Science: Intermediate – dataquest.io	June 2020
AZ 900: Microsoft Azure Fundamentals	October 2022
DP 900: Microsoft Azure Data Fundamentals	October 2022
AI 900: Microsoft Azure AI Fundamentals	August 2023

## ACTIVITIES & TRAINING

**Fellow:** Data Analytics & Management Training (Project DHub) by Carrington Youths Fellowship Initiative (CYFI).

**Intern:** Software Development Upskilling Program by Microsoft ATO in collaboration with Elev8 Education.

**Volunteer:** Trained Corps Members on Introduction to Data Analytics. Implemented using Python, MSSQL, and PowerBI.

**Volunteer:** Co-facilitated a workshop for the staff of Kashim Ibrahim College of Education Staff School implementing the automation of student results using Microsoft Excel. The project was a success delivering faster, safer and a more accurate result system and reduced paperwork for the next term by 40%.

## ACCOMPLISHMENTS

- Developed a Python application that significantly enhanced data processing efficiency, resulting in a remarkable 70% reduction in processing time. Received a letter of commendation from the Group Managing Director in recognition of this innovative achievement.
- Led a team of developers, Zirconium, in the development of a Small and Medium-sized Enterprise (SME) Marketplace application during a Microsoft/Elev8 ATO program. The application was voted best in my cohort.

## OTHER PROJECTS

Pet Breeds Classification | Cats, Dogs & Pandas | Personal Portfolio Website | Kidney Image Classification | Blood Image Classification | Mouth Image Classification | ZirconiumX | Lend\_SQR | Python GUI