

# BOLUTIFE AKINLAWON

## Graduate Data Scientist

Romford, UK | +44 7514466715 | bolu.akinlawon@gmail.com | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

## PROFESSIONAL SUMMARY

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Graduate Data Scientist proficient in Python, R, SQL, PHP, and JavaScript. Skilled in version control systems such as Git and GitHub, as well as practical knowledge in API utilization, UX/UI design, as well as AWS and Heroku. Recognized for critical thinking abilities and strong problem-solving skills, Collaborative team player with exceptional communication skills. Highly motivated, organized, adaptable, and open to embracing change. Skilled in data cleaning, preprocessing, feature engineering and model building and implementation using Python, SQL, R and Excel

## WORK EXPERIENCE

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### THE SPARKS FOUNDATION

March 2023- Present

#### Data Scientist

- Created data visualization graphics, translating complex data sets into comprehensive visual representations.
- Translated cost and benefits of machine learning technology for non-technical audiences.
- Shadowed database personnel to learn new methods to achieve job duties.
- Helped develop database solutions using multiple SQL tools.

### ASTROVIS CONSULTING

June 2022-September 2022

#### Web Development Intern

- Developed and maintained websites using HTML, CSS, JavaScript, and jQuery.
- Wrote SQL scripts for data manipulation and extraction.
- Created interactive data visualizations using Tableau and Power BI.
- Collaborated with team members to build APIs using Flask, Heroku, and Postman.
- Followed industry best practices to write clean, efficient, and well-documented code.

### DATA GLACIER

September 2022-December 2022

#### Data Scientist

- Developed and maintained websites using HTML, CSS, JavaScript, and jQuery.
- Wrote SQL scripts for data manipulation and extraction.
- Created interactive data visualizations using Tableau and Power BI.
- Collaborated with team members to build APIs using Flask, Heroku, and Postman.

### OPTIMUM HEALTH (KINHUB)

April 2022-May 2022

#### Data Science Intern

- Managed data manually using Python and Excel.
- Conducted data annotation tasks.
- Analyzed large data using Hadoop Hive.

### EDU PROJECTS, NIGERIA

April 2019-May 2021

#### Data Analyst

- Worked with multiple clients to analyze data.
- Assisted in data interpretation and decision-making processes.
- Extracted insights from data to drive business strategies and recommendations.

## PROJECTS

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### STROKE PREDICTION USING MACHINE LEARNING | [PYTHON, SQL](#)

[VIEW PROJECT](#)

- This study focused on investigating various methods for stroke prevention and diagnosis, including traditional prediction methods, machine learning, and deep learning techniques.
- Five machine learning algorithms, namely logistic regression, random forest, decision tree, K-nearest neighbor, and support vector machine, were applied to an open-source dataset to assess their accuracy.
- The study concluded by deploying a prediction system as a user-friendly web application, utilizing a Random Forest model and appropriate programming languages.

### NHS ADMISSIONS FORECAST USING TIME SERIES ANALYSIS | [PYTHON, R](#)

[VIEW PROJECT](#)

- Developed a forecasting model to predict admissions for the upcoming year, with a focus on monthly breakdown.
- Initial linear regression analysis using seasonality as a predictor showed limited effectiveness in forecasting admissions.
- Explored the use of average monthly maternity data as an alternative, which yielded moderate improvement but remained unsuitable for linear regression. Transitioned to a SARIMA approach for time series forecasting

## TECHNICAL SKILLS

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- Programming Languages: Python, PHP, C#, JavaScript
- Data Analysis Tools: Python (Pandas), Tableau, Power BI, Power Query, R
- Database Tools: SQL, Microsoft SQL Server, Azure
- API Building Tools: Postman, Flask, Heroku
- Integrated Development Environments (IDEs): VS Code, Visual Studio, RStudio, PyCharm
- Project Management: Agile, Trello, Kanban, Scrum
- Version Control: Git, GitHub

## EDUCATION

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### UNIVERSITY OF THE WEST OF ENGLAND

United Kingdom

MSc, Data Science (*Grade: Merit*)

2022-2023

**Relevant Coursework:** Advanced Statistics, Statistical Inference, Machine Learning.

### REDEEMER'S UNIVERSITY, EDE

Nigeria

BSc, Computer Science (*Grade: Upper Second Class*)

2015-2019

**Relevant Coursework:** Software Development, Database Management, Computer Hardware.

## CERTIFICATIONS AND TRAINING

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### THE SPARKS FOUNDATION EXPERIENCE PROGRAM

April 2023

Prediction of student performance based on study hours

### MYSQL LINKEDIN SKILL ASSESSMENT BADGE

January 2022

## ADDITIONAL INFORMATION

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- As President of SERVICOM CDS President, worked alongside other Community Development Group leaders to alleviate Internally Displaced Persons in Taraba State
- Member of Academic committee while at Redeemers University Student Association
- Languages: English (Fluent), Written French (Intermediate)

## **REFERENCES AVAILABLE ON REQUEST**

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