

# ABDUL-MATEEN QAMARDEEN • Sr. Backend Engineer

+2347049986998 • [abdulmateen.a.q@gmail.com](mailto:abdulmateen.a.q@gmail.com) • [LinkedIn](#) • [Github](#) • Lagos, Nigeria

## SUMMARY

Proficient Backend Engineer with extensive experience developing server-side applications in Golang and R. Proven ability of developing RESTful web services and distributed systems. Highly organized, motivated and diligent. Experienced in using project management tools like Git, Trello. Enthusiastic about contributing to team success through hard work, attention to detail and excellent communication skills.

## INDUSTRY EXPERIENCE (FREELANCE)

### REDEVELOPMENT OF THE PROGNOSIS TOOL OF A BETTING PLATFORM [\[Github\]](#)

A [betting platform](#) owned by [Web International Services](#) required some re-engineering of its backend application. The issue was with the machine learning algorithm being improperly implemented - the betting odds being calculated were not as expected. I corrected the necessary errors in the source code written in R, and the application was giving out the expected results again.

### DIAGNOSIS AND REDESIGN OF A SLOW RUNNING SERVER APPLICATION [\[Github\]](#)

A clinical monitoring application, owned by AstraZeneca and developed using R, takes a long time to start. The task requirement to optimize the loading time of the application. I reverse-engineered the source code and redesigned the data storage system, keeping the interface intact. The application became about 5 times faster.

## PROJECTS (PERSONAL)

### DEVELOPMENT OF APPLICATION WHICH PRODUCES

### RESUME BUILDER WEBSITE DEVELOPMENT USING R SHINY BASED FRAMEWORK [\[Github\]](#)

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Skills utilized - R Shiny, R Markdown, UI/UX design, Web development

## SKILLS

- **Programming:** R, Python, SQL, Go, HTML
- **Tools/Technologies:** R Shiny, R Markdown, Git, RStudio, Jupyter, SQLite, Spyder, Trello
- **Industry Knowledge:** Data Science, Data Analysis, Statistics, Web Development
- **R Packages/Modules:** shiny, shinyWidgets, blogdown, tidyverse, crosstalk, DT, htmltools, plotly, leaflet, knitr, reactable
- **Other Skills:** Regular Expressions, Data Wrangling, Data Visualization, Unit Testing, Package Development, Exploratory Data Analysis, Data Validation
- **Soft skills:** Analytical Skills, Critical Thinking, Teamwork, Communication

## **EDUCATION**

**BSc. in Architecture** • Obafemi Awolowo University, Ile-Ife, Nigeria

## **CERTIFICATIONS**

- R Programming, The Johns Hopkins University - Dec, 2020 [\[Verify\]](#)
- R (Intermediate), HackerRank - Jul, 2021 [\[Verify\]](#)
- SQL for Data Science, University of California, Davis - Jan, 2021 [\[Verify\]](#)
- Exploratory Data Analysis, The Johns Hopkins University - Jul, 2021 [\[Verify\]](#)
- Data Science Maths Skills, Duke University - Mar, 2021 [\[Verify\]](#)