ABDUL-MATEEN QAMARDEEN

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SUMMARY

Proficient R Developer with extensive experience in implementing data-centric software solutions in the R programming environment. Proven ability of developing R Shiny applications, R packages, R Markdown reports and R automation scripts. Sound understanding of statistical and analytical techniques useful for rational decision making. 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 organizational skills.

INDUSTRY EXPERIENCE (FREELANCE)

R Developer   *Feb. 2021 - Present*

- Developed R packages from sparse scripts and documentation files.
- Re-developed slow-running R shiny applications by optimizing the backend design of the application (achieved an estimated 4x increase in performance).
- Developed R Markdown documents to generate web page prototypes, rich in dynamic features such as Shiny UI elements & add-ons like reactable, datatable, crosstalk, htmltools.
- Wrote R scripts to automate information extraction from large R codebases e.g. SQL queries extraction from commands in R scripts.
- Developed unit tests for existing R packages.
- Implemented the use of Git & GitHub for continuous integration & delivery.
- Developed multiple data analysis reports, presented in R Markdown.

QA Analyst & Website Developer   *Feb. 2021 - Jun. 2021*

- Planned and devised cohesive test plans for a database pipeline using the R programming language.
- Maintained database integrity by continuously checking for correspondence between the database and the original data source.
- Configured Hugo static website generator and blogdown in the R programming environment for a documentation website framework.
- Developed R Markdown & HTML documents for the pages of the website.
- Deployed the website to Netlify for availability on the web.

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]

PERSONAL PROJECTS

RESUME BUILDER WEBSITE DEVELOPMENT USING R SHINY BASED FRAMEWORK [Github]

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