**RICHIE MOLUNO**

**Website:** [realrichi3.github.io](https://realrichi3.github.io/) | **Linkedin:** [Richie Moluno](http://linkedin.com/in/richie-moluno-077892196) | **Email:** [molunorichie@gmail.com](mailto:molunorichie@gmail.com)

**Blog:** [medium.com/@molunorichie](https://medium.com/@molunorichie), [dev.to/realrichi3](https://dev.to/realrichi3) | **Phone:** +2349038563916

EDUCATION

**University of Benin, Edo state, Nigeria** Expected December, 2022

Programme: Bachelor of Engineering, Mechanical Engineering.

Academic Standing: Second Class Upper (4.17/5.0).

Dissertation: Design and Implementation of Capacity Limiting RFID access control system.

Relevant Courses: Engineering systems and dynamics, **Engineering Design, Engineering Mathematics (Calculus, Numeric Analysis, Computational methods and Non-linear systems, Matrices and Vectors, Linear Programming)**, Control systems and dynamics, **Computer Aided Design.**

SKILLS AND INTEREST

Programming Languages/ Technologies: **Python, JavaScript**, **Google Cloud Platform,** HTML and CSS.

Frameworks/Libraries: **NodeJS, ExpressJS, MongoDB, PostgreSQL, Mocha and Chai**

Developer tools: Git, GitHub.

PROJECTS

**Open Innovation Lab** (*in progress)* **|**[Github](https://github.com/Open-Science-Community-Saudi-Arabia/MOOCs) |  December, 2022.

* Collaborated with an agile team to develop the API for the Open source project, improving accessibility
* Utilized **Google Cloud Platform (GCP)** technologies, including Compute Engine to develop and deploy the platform.
* Designed **unit tests** for the API, ensuring quality assurance for the platform.
* Implemented CI/CD using GitHub Actions to automate unit tests before deployment, ensuring **continuous integration and deploymen**t of the platform.

**The Turing Way** *(contributor)* | [Github](https://github.com/alan-turing-institute/the-turing-way) | [Project link](https://the-turing-way.netlify.app/welcome)

* Contributed to an open-source guide for reproducible data science, aimed at improving research practices and enhancing the reproducibility of data-driven research
* Collaborated with a team of contributors to improve localization and translation efforts for the guide, making it more accessible to a broader community of users.
* Worked on fixing the documentation of the project, ensuring clear and concise explanations of the guide’s features and functionality.

[**Byinks Marketing** **Communications**](https://byinksmarketing.com) | Digital Marketing | [Project link](https://www.byinksmarketing.com) August 2022.

* **Managed** a cross-functional team of 3 to deploy a fully responsive digital marketing web page design.
* Optimized contact forms and newsletters resulting in a 16% increase in user clicks and 35% in company sales.
* Implemented domain configuration and web hosting improving website reach

[**Authentication API**](https://github.com/RealRichi3/authentication-API) | [Github](https://github.com/RealRichi3/authentication-API) October 2022.

* Designed and deployed RESTful API for critical authentication processes for backend web apps
* Applied proper program structure and best practices, resulting in 50% improved code modularity for other projects

WORK EXPERIENCE

**Back-end Engineer - Boayant,** Ikeja, Lagos state. August 2022 to date.

* Regularly inspected server code resulting in improved speed optimization.
* Performed thorough automated unit tests for deployed applications and APIs resulting in improved code quality and easy integration
* Collaborated closely with the product and design team to understand end-user requirements better, resulting in improved end-user experience.
* Implemented backend usability of all front side application

**Software Engineer** *(contract)* **-** [Dixtrit Media](https://dixtrit.media/)**,** Ikeja, Lagos state. February 2022 to date.

* Conducted frequent code reviews to identify and address performance bottlenecks, resulting in significant improvements in server speed optimization.
* Developed and implemented user-friendly backend systems for all front-end applications, ensuring seamless functionality and optimal user experience

**Intern - Outreachy - Open Science community,** Saudi Arabia October 2022 - March 2023.

* **Co-ordinated open source** contributions for the development of backend API for an online educational platform improving effective collaboration among peers
* Implemented automated unit tests for test-driven development resulting in reduced cases of reported API vulnerabilities.
* Deployed and maintained backend APIs for testing using **cloud** services

VOLUNTEERING ACTIVITIES

* **Volunteered** for Google Developer Group, and publicized the program resulting in a 25% increase in turnout. June 2022.
* **Coordinated** an immunization program for over 300 children resulting in a 60% decline in reported cases. May 2019.

ACHIEVEMENTS AND AWARDS

* Awarded Google Africa Developer Scholarship. June, 2022.