

RICHIE MOLUNO

Website: richiemoluno.netlify.app | LinkedIn: [Richie Moluno](#) | Email: molunorichie@gmail.com
Blog: medium.com/@molunorichie, dev.to/realrichi3 | Phone: +2349038563916

EDUCATION

University of Benin, Edo state, Nigeria

December, 2022.

Programme: Bachelor of Engineering, Mechanical Engineering.

Academic Standing: Second Class Upper (4.07/5.0).

Dissertation: Design and Installation 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: Docker, **Typescript**, **JavaScript**, Python, HTML and CSS.

Frameworks/Libraries and tools: **NodeJS**, **ExpressJS**, **PostgreSQL**, **Mocha and Chai**, ReactJS, **GitHub Actions**

Databases: **PostgreSQL**, **MongoDB**, **Redis**,

Cloud: **Google Cloud Platform**

Developer tools: **Git**, GitHub.

PROJECTS

Open Innovation Lab (*in development*) | [Github](#) | [API doc](#) | [Live site](#)

December, 2022.

- Collaborated with an agile team to develop the API for the **Open source** project which led to 20% increase in **accessibility**.
- Utilized **Cloud** technologies like **Google Cloud Platform (GCP)** to host the platform decreasing latency by 50%.
- Managed **CI/CD** processes using **GitHub Actions** to **automate unit** and **integrated tests** before **deployment** resulting in the reduced production errors by 70%
- Implemented bilingual support using external APIs, resulting in 50% improved accessibility to Arabic speaking countries

WORK EXPERIENCE

Backend developer / Project Lead (contract) - [Veridux](#)

July 2023 - December 2023.

- **Led** the design and development for Veridux Pay providing a **financial** solution to pay utility bills, airtime, data, and cable TV.
- Developed a delivery aggregator, consolidating multiple delivery services and optimizing pricing for product deliveries, resulting in a 25% reduction in delivery costs.
- Conducted code reviews and enforced best practices to ensure code quality and maintainability reducing bugs in production by 50%.

Backend developer - [Open Science community](#), Saudi Arabia

October 2022, - September 2023.

- Co-ordinated the design and development of backend API for an online educational platform resulting in 50% improved accessibility across arab speaking countries.
- Implemented **automated unit tests** for **test-driven development** resulting in 80% reduced cases of reported API bugs.
- Deployed and designed **caching systems** for backend APIs resulting in 40% **decreased latency**.

Software Engineer (contract) - Booyant, Ikeja, Lagos state.

May, 2022 - July 2023.

- Conducted frequent code reviews to identify and address performance bottlenecks, resulting in 20% higher server speed.
- Implemented security measures to protect infrastructure and data, resulting in zero security breaches over time.
- Utilized **containerization tools** like **Docker** to build microservices, enabling efficient deployment, scalability, and easy management of applications and 0 cases of dependency related issues..
- **Automated tests** using **CI/CD** processes before deployment resulting in 20% less downtime for newly rolled features..

Dixtrit Media (contract)

March 2023, - April 2023.

- Led the development of the backend API for a music industry management and advertising platform.
- Streamlined the development process by utilizing **containerization** tools like **Docker**, enhancing deployment efficiency, scalability, and application management.
- Applied a holistic problem-solving approach to ensure the platform's **scalability**, **performance**, and **security**, resulting in a seamless user experience.

OPEN SOURCE PROJECTS/CONTRIBUTIONS

The Turing Way | [Github](#)

February, 2023 - till date.

- **Collaborated with a team** of contributors to enhance localization and translation efforts for the guide, resulting in 35% **enhanced accessibility** to a broader community of users.
- Built programs to **automate** attribution of over 100 contributors from the Crowdin project to Project organization, ensuring proper recognition and transparency for all contributors.
- Enhanced the **open-source** guide for reproducible data science, aimed at optimizing research practices resulting in 20% increase in user engagement.

MOOCs | [Github](#)

- Led with a **diverse team of developers** to design and implement backend API functionalities that enabled seamless access and delivery of educational content.
- Implemented **bilingual support** features resulting in 50% **improved accessibility** and user-friendly experience for both Arabic and English-speaking users.
- Created detailed technical **documentation**, providing comprehensive guides for maintenance and contribution to facilitate ongoing development and collaboration.

Crowdin Contributors bot | [Github](#)

- Identified and resolved bugs that resulted in improper representation of data fetched from the CrowdIn API, ensuring 100% accurate and reliable information display.
- Worked with the project team and engaged in discussions to provide valuable insights and suggestions for further enhancements.

VOLUNTEERING ACTIVITIES

[The Turing Way](#) | Github

February 2023 - Present

- **Collaborator:** Actively made contributions with over 30 contributors to enhance localization and translation efforts for The Turing Way, an open-source guide.
- **Impact on Accessibility:** Contributed to significant improvements in accessibility, with a measured 35% increase in usability within the community.
- **Automation Advocacy:** Designed and implemented automation programs to streamline the attribution process of more than 100 contributors from the Crowdin project to the Project organization. This initiative aimed at ensuring proper recognition and transparency for all contributors involved in the localization efforts.

Google Developer Group, Benin City

- *Volunteer:* Dedicated time and efforts to support the Google Developer Group, actively contributing to the organization and execution of events and activities.
- *Promotional Outreach:* Took the initiative to publicize GDG programs, resulting in a notable 25% increase in turnout for the events. Employed effective communication and marketing strategies to attract a more extensive audience.
- *Community Engagement:* Engaged with the local tech community, fostering a collaborative environment and encouraging participation in GDG events. Facilitated networking opportunities and knowledge-sharing sessions among developers, enthusiasts, and industry professionals.
- *Impact:* Through proactive involvement, positively affecting the growth and vibrancy of the GDG community, making a positive impact on knowledge-sharing and collaboration within the local tech ecosystem.