

RICHIE MOLUNO

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EDUCATION

University of Benin, Edo state, Nigeria
Programme: Bachelor of Engineering, Mechanical Engineering.
Academic Standing: Second Class Upper (4.07/5.0).

SKILLS AND INTEREST

Programming Languages/ Technologies: **Websockets, REST API, Typescript, JavaScript, Kafka**, Python, Google Cloud Platform, **Redis**, HTML and CSS.
Frameworks/Libraries: **NodeJS, ExpressJS**, Mocha and Chai, **MongoDB**, ReactJS, **PostgreSQL**,
Developer tools: **Git, GitHub**, Docker

WORK EXPERIENCE

Backend Developer (contract) - [Accuvend.ng](#), VI, Lagos state. Feb, 2024 - July 2024.

- Developed external facing APIs which served as core service for handling utility bill **transactions** for major banks and partners.
- Implemented Apache **Kafka** to streamline **payment** processing, reducing transaction latency by 50% and improving overall throughput by 300%..
- Onboarded major **banks** and other partners in integrating and implementing our API solution, ensuring a smooth and efficient onboarding process.

Backend developer - [Open Science, Saudi Arabia](#) Oct 2022 till date.

- Coordinated the development of **open source** backend **REST** APIs, enhancing collaboration and reducing API bugs by 80% through automated testing.
- Implemented microservices architecture using Docker, reducing deployment time by 60% and improving scalability.
- Created comprehensive **technical documentation** to provide clear instructions and guidance for developers and team members

Software development lead - [Blue Marvel Capital](#), United Kingdom Jan, 2024 till date.

- Directed a cross-functional team of 5 engineers in developing, and deployed robust backend APIs across 3 major projects.
- Enhanced system **reliability** by implementing **automated testing**, resulting in reduced critical bugs by 80%.
- Engineered a suite of microservices using Docker, boosting deployment speed by 75% and reducing server downtime by 30%, leading to improved application scalability and easier management

Backend Developer (contract) - [Veridux](#), Ikeja, Lagos state. Jul, 2023 - Mar 2024.

- Built backend APIs for **financial** services, integrating payment gateways and improving inter-state payment reach by 35%.
- Implemented Apache **Kafka** to streamline payment processing, reducing transaction latency by 50% and decoupling of services for better scalability and **fault tolerance**.
- Architected and deployed a **Docker-based** microservices infrastructure, cutting deployment times by 60% and enhancing application scalability, resulting in a 40% improvement in system performance and maintainability
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OPEN SOURCE PROJECTS / CONTRIBUTIONS

JSquarto | [NPM](#)

- Designed and developed a tool to generate Javascript code documentation reference using resulting in 50% improved flexibility in documenting Javascript and Typescript code.
- Integrated services that enabled **documentation** to be available in 8 languages, significantly broadening accessibility and engagement across global developer communities.

Open Innovation Lab | [Github](#) | [Live site](#)

- Collaborated with a **diverse team of developers** to design and implement backend API functionalities. This initiative enhanced content delivery speed by 40% and reduced API response times by 50%.
- Carried out frequent **code reviews**, resulting in a 30% decrease in post-release defects and an overall improvement in code quality metrics.
- Integrated Cloud technologies like **Google Cloud Platform** for **deployment** decreasing latency by 50%

- The Turing Way - *Alan Turing Institute UK* | [Github](#) *
- Developed programs to **automate** attribution of contributors from the Crowdin project to Project organization, This automation reduced manual effort by 100% and improved attribution accuracy by 90%.
 - Collaborated remotely** with a team of contributors to enhance localization and translation efforts for the guide, resulting in 35% better accessibility to a broader community of users.

AWARDS

- Invest in Open Innovation ([IOI](#)) Grant Recipient: The Open Innovation Platform Jan 2024
- Awarded for contributions to the development of a MOOCs learning platform supporting right-to-left script languages. This project enhances the accessibility of open science educational materials and addresses the need for open science education in Arabic-speaking countries.
 - Worked alongside a diverse team of international **researchers** and developers to ensure the platform's technical robustness and user-friendliness, fostering a global community of open science advocates.

- Google Africa Developer Scholarship Jan 2021
- Awarded by Google for outstanding performance and potential in software development. This scholarship provided extensive training in web and mobile development, equipping recipients with the skills necessary to excel in the tech industry.

VOLUNTEERING ACTIVITIES

- [The Turing Way](#) | Github February 2023 - Present
- Collaborator:** Orchestrated collaborative efforts with 30+ contributors to optimize localization and translation initiatives for The Turing Way, an open-source guide; achieved a 20% increase in global user engagement through enhanced multilingual accessibility..
 - Impact on Accessibility:** Contributed to significant improvements in accessibility, with a measured 35% increase in usability within the community.

- 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.