

# OMAJUWA OKOTIE

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## CAREER PROFILE

**Full-Stack Software Engineer** with expertise in **MongoDB, Node.js, and distributed systems architecture**. Specialized in designing and implementing **scalable microservices** with a proven track record in **optimizing database performance** and building **event-driven architectures**. Skilled in developing **cross-platform mobile apps using Flutter/Dart**, as well as modern **frontend frameworks** for responsive web applications. Strong background in **Agile methodologies** and **cross-functional team collaboration**, with a focus on delivering robust, user-centric solutions end-to-end.

## KEY SKILLS

▪ MongoDB	▪ NodeJs	▪ Nginx	▪ NextJS
▪ Redis	▪ Typescript	▪ Google Cloud Platform	▪ ReactJS
▪ PostgreSQL	▪ Python	▪ Docker	▪ HTML
▪ Flutter	▪ Javascript	▪ Github Actions	▪ CSS

## PROFESSIONAL EXPERIENCE

<b>Spashisha — United Kingdom</b>	
<b>Software Engineering Lead</b>	Nov, 2024 – Present
<ul style="list-style-type: none"><li>▪ Contribute to the development and optimization of <b>cloud-based solutions</b> that enhance business performance and resilience.</li><li>▪ Support the design and deployment of <b>scalable applications</b> aligned with enterprise needs.</li><li>▪ Implement <b>system monitoring, automation, and security enhancements</b> to ensure high availability and compliance.</li><li>▪ Collaborate cross-functionally to deliver <b>tailored IT services</b>, improving both customer experience and operational efficiency.</li></ul>	
<b>LinkX — Nigeria</b>	
<b>Project lead / Mobile App Developer</b>	July, 2024
<ul style="list-style-type: none"><li>▪ Led end-to-end <b>app development projects</b>, overseeing the design, development, and deployment of <b>scalable mobile and web applications</b>.</li><li>▪ Mentored team members in <b>Flutter/Dart, modern frontend frameworks, and backend best practices</b>, ensuring clean, maintainable code</li><li>▪ Produced detailed <b>technical documentation</b> to streamline collaboration and support future application development.</li></ul>	
<b>Bluemarvel Group — United Kingdom</b>	
<b>Software Engineering lead</b>	Jan, 2022 – 2023
<ul style="list-style-type: none"><li>▪ Directed a cross sectional team of 9 engineers in developing, and deployed rebust backnd APIs across major projects</li><li>▪ Mentored team members in backend best practices and MongoDB Optimization.</li><li>▪ Produced detailed <b>technical documentation</b> to streamline collaboration and support future for team menbers and developers.</li></ul>	
<b>Open Science Saudi Arabia - United Kingdom</b>	
<b>Software Engineer - Core contributor</b>	Oct, 2022 – till date.
<ul style="list-style-type: none"><li>▪ Led the design and development of an online educational platform aimed at improving accessibility to non english speaking contributors.</li><li>▪ Participated in code reviews, ensuring code quality, maintainability, and adherence to best practices across the engineering team.</li><li>▪ Built custom software for generating code documentation for javascript projects reducing documentation time by 70%.</li></ul>	

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## OPEN SOURCE CONTRIBUTIONS

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### JSQuarto | [npm](#)

- Developed documentation generation tool with multi-language support 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.

### The Turing Way - Alan Turing Institute - United Kingdom | [Github](#)

- Developed programs to automate attribution of contributors from the Crowdin project to Project organization, This automation reduced manual effort by 100% and raised 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.

### Crowdin Contributors bot | [Github](#)

- Recommended and proposed new features to enhance the flexibility and ease of use of the bot, enabling smoother integration and handling.
- Identified and resolved bugs that resulted in improper representation of data fetched from the CrowdIn API, ensuring accurate and reliable information display.

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## TALKS

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- Omajuwa Okotie. (2024, August 13). JSquarto: Bridging JavaScript Documentation with Quarto's Power, POSIT 2024 Conference.
- Goodnews Sandy, & Omajuwa Okotie. (2023, April 19). Documentation, Localisation and Open Infrastructure for Research Equity. Zenodo., FORCE 11 Conference

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## AWARDS

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### Invest in Open Innovation ([IOI](#)) Grant Recipient: The Open Innovation Platform

- 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

- 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.

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## VOLUNTEERING

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### The Turing Way

- 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, Nigeria.

- 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.