

Jerome Kithinji

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Versatile Software Developer proficient in React.js, JavaScript, Java, Node.js, HTML5 and CSS. Committed to developing efficient, scalable solutions with a strong focus on user-centric design. Able to learn new softwares and technologies quickly. Experienced in working in a fast-paced and team-driven environment.

EDUCATION

Ongoing	Concordia University, Canada Advanced Computer Science MSc
2018 - 2021	University of Leicester, UK Computer Science BSc – First Class Honors
2013 - 2018	Aga Khan Academy Nairobi, Kenya International Baccalaureate Diploma & IGCSEs

PROFESSIONAL EXPERIENCE

Software Developer Intern | Telkom, Nairobi *Sept 2023 - Dec 2023*

- Redesigned and developed the Human Resource Management system into a responsive web application using **Figma** for design, **React.js** for the frontend, and **Node.js** for the backend, integrating and expanding the company's employee API to enhance system functionality.
- Conducted extensive performance testing with **Apache JMeter** to enhance application efficiency, ensuring smooth operation for widespread company use by simulating high-traffic loads.
- Ensured cross-platform reliability and responsiveness by executing comprehensive browser compatibility tests using **Selenium WebDriver**.
- Worked with the Networking department on on-site data center operations, troubleshooting network systems, and configuring network hardware like routers and switches using **Cisco IOS** and **Wireshark**.

Full Stack Developer | _nology, Technology Consultancy Programme, London *Aug 2021 - Feb 2023*

- Successfully completed a 12-week full stack training where I learnt React and NodeJS and improved my HTML, CSS, JavaScript, Java and GitHub skills.
- Developed full-stack web applications which processed, analysed, and rendered data visually with integration to other APIs for Google Maps, social media logins, OAuth 2.0, and other services.
- Implemented unit, function and systems testing using **JUnit testing**, **Cypress testing** and **Integration testing**.
- Consultant at SparkStrand digital agency responsible for handing project planning and implementation, running idea workshops and managing sprints.
- Lead a team of junior developers to provide web development services to SMEs referred by the Kent City Council. Technologies used were **React.js**, **JavaScript**, **Node.js**, **Typescript**, **Figma**, **GitHub**, among others.
- Oversaw the development and publishing of a custom **React UI-kit library**, as an npm package, to be used internally for small client web projects, achieving a significant reduction of time spent per project.

Software Developer | Techsavanna Technology, Nairobi *Dec 2021 - April 2022*

- Involved in re-designing, building and updating a web app for a major bank in Kenya in order for users to have a better user experience when using the mobile banking functionalities.
- Created documentation and training sessions to support customers and operational support personnel.
- Worked remotely with an agile team located in other parts of Kenya in order to refactor ancient **SQL** queries and modernize **selenium tests**.

Information Technology Assistant | MyCredit Bank, Nairobi *June 2019 - Sept 2019*

- Updated and monitored IT user accounts to ensure accurate and secure access to company systems and resources.
- Liaised and met with external suppliers of IT services to coordinate updates and procure necessary resources.
- Executed updates and backups of the company's various systems.
- Troubleshoot technical problems and implemented solutions, effectively using **Salesforce** for ticket tracking.

POSITIONS OF RESPONSIBILITY

Vice President | East African Society, University of Leicester *June 2020 - July 2021*

- Planned and managed virtual events in liaison with other societies in other universities in the UK.
- Secured various sponsors to fund our events and projects.
- Spearheaded an initiative to build an irrigation system in a rural Maasai village.

Peer Mentor | University of Leicester

Jan 2019 - Jan 2021

- Served as an approachable and informative resource for assisting students transition into university.
- Actively resolved students queries and directed them to the appropriate university services.

Student Ambassador | University of Leicester

Jan 2019 - Dec 2020

- Represented the university to prospective students and parents on and off campus events.
- Utilized oral communication skills in providing unscripted tours on campus.
- Made presentations in schools and colleges on student life and their degree subjects.

CLUBS & SOCIETIES**Member** | Computer Science Society, University of Leicester

Oct 2018 - June 2020

- Competed in hackathons and awarded first place in the Copernicus Hackathon in 2019.
- Learnt about the IT sector industry from external speakers.
- Facilitated discussions with society members about improving code.

Vice President | Robotics Club, Aga Khan Academy

Sept 2015 - July 2017

- Competed in robotic competitions in which we successfully came runners up.
- Aided my understanding of how different electrical and software elements work together to make a machine work.

Delegate | East African Model United Nations

Sept 2016 - July 2017

- Attended and spoke at the conference. Discussed global issues and suggested resolutions enabling me grow as a political and global citizen.
- Debated with other participants on global issues and discussed the effectiveness of resolutions.
- Gained knowledge and experience on how to conduct negotiations in a tactful and result-oriented manner.

KEY SKILLS**Technical**

- Proficient use of **JavaScript ES6, Python, Java, and SQL** programming languages. Skilled in use of **React.js, Node.js, C, HTML5, CSS, Sass, GitHub, Databases, Spring Boot, TypeScript** and **Google Cloud Platform**. Experienced in using Adobe Photoshop and Adobe Illustrator.

Collaboration skills

- Able to work well together with others in order to achieve a goal. Effectively worked with 5 colleagues on a software engineering boot camp to complete and deliver a student progress tracking website consisting of a backend API and frontend using actively listening skills and **pair programming** in an **Agile environment**.

Problem solving skills

- I am proficient in finding better ways to manage a process, overcoming challenges, solving technical problems and evaluating options and generating solutions. Successfully improved the library in my high school by introducing an efficient system for books being returned.

Leadership

- Assertive and motivator style of leadership. Served as the Marketing and Operations director in a youth empowerment organization based in Kenya in charge of organizing and coordinating large projects to raise money to donate food, clothing and educational material to rural neighbourhoods.

Planning and Organization

- Effective organization skills with the ability to multi-task and prioritize workload. Led a prom committee in high school, served in the Student Government and whilst successfully completing my IB diploma and fulfilling my duties as a member of the student government.

QUALIFICATIONS & AWARDS

2018 **Presidential Award – The Duke of Edinburgh's:** Successfully Completed the program

2015 **Grade 10 Math Prize:** Achieved the top grade in Math due to my commitment to high performance.