

# Jerome Kithinji

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A Passionate and skilled Computer Science graduate, looking to pursue a career in the software engineering domain. Proficient in Python, HTML 5, CSS, JavaScript, Java and React.js. Able to learn new softwares and technologies quickly and capable of working in a fast-paced and team-driven environment.

## EDUCATION

- 2018 - 2021 University of Leicester, UK  
**Computer Science BSc** – First Class Honors
- 2013 - 2018 Aga Khan Academy Nairobi, Kenya  
**International Baccalaureate Diploma**  
**IGCSEs**- 8 GCSEs subjects including Mathematics, Computer Science, Physics

## PROFESSIONAL EXPERIENCE

**Junior Full Stack Developer** | \_nology, Technology Consultancy Programme, London *Aug 2021- Present*

- Successfully completed a 12-week full stack training where I learnt React and NodeJS and enhanced 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**, **JavaScript**, **NodeJs**, **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*

- Updating and monitoring IT user accounts.
- Liaising and meeting with external suppliers of IT services.
- Executing updates and backups of the company's various systems.
- Troubleshooting technical problems and implementing solutions.

**Sales Assistant** | JASH65, Nairobi *May 2018 - Sept 2018*

- Created and managed the company's Facebook and Instagram accounts.
- Maintained customer relationships and increased sales and repeat buying.

**Intern** | Centurion Systems, Nairobi *July 2017 - Aug 2017*

- Trained on SCADA (supervisory control and data acquisition) and PLC (programmable logic controllers) systems.
- Successfully created a lighting control system using programmable logic controllers.
- Visited industrial sites where I saw how PLC and SCADA systems are used, implemented and managed.
- Gained insight into what skills are needed to establish a successful IT career by interacting with staff.

## 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.

**Resources Prefect** | Aga Khan Academy*Sept 2016 - June 2018*

- Liaison between with students and the school administration on how to improve school resources.
- Introduced an efficient system in the library for management of books being returned.

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**CLUBS & SOCIETIES**

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**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.

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**KEY SKILLS**

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**Technical**

- Proficient use of **JavaScript ES6, Python, Java, and SQL** programming languages. Skilled in use of **React.js, NodeJs, HTML5, CSS, GitHub, Databases Spring, 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 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.

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**QUALIFICATIONS & AWARDS**

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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.

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## INTERESTS

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### **Travelling**

I have travelled to over 14 countries, to different cultures, economies as well as technological advancements.

### **Hiking and outdoor**

Hiking enhances my mapping and geographical skills, resilience and perseverance.

### **REFERENCES:**

Available on request.