

Wallicestene Waweru

Software Engineer

+2547 948 487 17 | wallicestenewaweru@gmail.com | Nairobi, Kenya | [LinkedIn](#)
[Portfolio](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Detail-oriented and adaptable software engineer with hands-on experience in full-stack web development using modern technologies. Skilled in building scalable and efficient applications with JavaScript (React), Node.js, Python and backend systems. Proficient in designing and integrating RESTful APIs and working with relational databases. Familiar with version control using Git, CI/CD workflows, and cloud hosting environments.

SKILLS

PROFESSIONAL SKILLS

Interpersonal skills | Creativity | Decision Making | Collaboration | Positive attitude | Problem solving | Strategic Thinking | Time management | Attention to details | Growth mindset |

TECHNICAL SKILLS

JavaScript | TypeScript | Python | ReactJS | NodeJS | ExpressJS | Django | HTML5 & CSS3 | SQL | PostgreSQL | MongoDB | AWS Cloud | Firebase | RESTful APIs | Git & Version Control | TailwindCSS | Agile Methodology | MVC Architecture | CI/CD Concepts

WORK EXPERIENCE

ICT INTERN

KENYA REVENUE AUTHORITY (KRA) – BSTEM DEPARTMENT | JUN 2025 – PRESENT

- Assisting in resolving user support tickets, configuring systems, and documenting ICT asset logs across the department.
- Collaborating with the ICT team to maintain internal systems and improve automation of administrative tasks.
- Supporting web-based system testing and providing feedback to developers on usability and performance issues.
- Shadowing software developers in backend workflow enhancements and contributing to small scripting tasks.
- Gaining exposure to government-level systems architecture, cybersecurity policy, and data management practices.

INFORMATION TECHNOLOGY INTERN

UNITY HOMES - OCF INTERNSHIP PROGRAM | 1/06/2024 – 1/08/2024

- Collaborated on internal enterprise tools, assisting with frontend development in React and backend debugging in Node.js.
- Improved system responsiveness and resolved bugs, enhancing user satisfaction.
- Contributed to automation of internal processes using scripting and improved documentation standards.
- Participated in testing activities and proposed enhancements aligned with agile delivery practices.

SOFTWARE DEVELOPER INTERN

CODESOFT | 10/03/2024 – 10/04/2024

- Built and tested REST APIs using Node.js and Express, ensuring secure authentication and scalable architecture.
- Used JWT protocols for user authorization and managed backend database connectivity with MongoDB.
- Worked in an agile team setting, participated in sprint planning, and helped deploy bug fixes on cloud-hosted applications.

PROJECTS

Bookify – Final Year Project (02/2025)

A full-stack accommodation booking platform where users can browse, book, and list properties.

- Technologies:** React.js, Node.js, MongoDB, Express.js
- Designed and implemented authentication, search filters, user dashboards, and booking workflows.
- Focused on performance and user experience, achieving 20% higher engagement during testing.

Link: [Bookify](#)

MetaBlog (07/2024)

A blogging platform where users can post and manage content with role-based access control.

- Technologies:** React.js, Node.js, MongoDB, Express.js, TailwindCSS
- Clean UI, safe user input handling, and content management.

Link: [MetaBlog](#)

E-Shop (09/2023)

A secure and responsive e-commerce platform featuring user registration, cart management, and order history.

- Technologies: React.js, Node.js, MongoDB, Express.js, TailwindCSS
- Enabled 99% uptime and fast checkout using RESTful architecture.

Link: [E-Shop](#)

EDUCATION

BACHELOR OF SCIENCE IN APPLIED COMPUTER SCIENCE

KCA University, Nairobi, Kenya (09/2021 – 11/2025)

Data Structures and Algorithms, Object-Oriented Programming, Networking, Software Development Life Cycle, Advanced Application programming, Advanced Web development, Database Management, Data analysis

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- AWS Cloud Essentials
- Data Structures & Algorithms
- Database Management