STACY WAITHERA KAMAU

Front-End Web Developer | Full Stack Software Developer

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PERSONAL PROFILE

I am a fourth-year Mathematics and Computer Science student at Jomo Kenyatta University of Agriculture and Technology (JKUAT) with a solid understanding of software development. I enjoy building software that solves problems and makes everyday tasks simpler, smarter and more efficient.

EDUCATION

- **Bachelor of Science in Mathematics and Computer Science**
  Jomo Kenyatta University of Agriculture and Technology (JKUAT)
  September 2022 – Present
- **Software Development Program – Full Stack Web Development**
  Power Learn Project (PLP)
  Feb 2025 – July 2025

TECHNICAL SKILLS

- **Front-End Web Development**: HTML, CSS, JavaScript, ReactJS
- **Back-End Web Development**: MongoDB, ExpressJS, NodeJS
- **Databases**: MySQL, Firebase
- **Version Control**: Git & GitHub

PROJECTS

Palindrome Checker (JavaScript)
- Developed a web-based Palindrome Checker with real-time input validation.
- Improved JavaScript skills in string manipulation, regular expressions, and event handling.

Weather App (ReactJS, API Integration)
- Developed a weather app fetching real-time data via the OpenWeatherMap API.
- Implemented current temperature, humidity, wind speed, and 5-day forecast features.
- Enhanced expertise in JavaScript and API handling (Axios).

StudentOrg (ReactJS, ExpressJS, Firebase, NodeJS, Google Cloud Firestore)
- Developed an all-in-one full-stack web application designed to empower students by centralizing their academic, personal, and financial management.
- Implemented authentication and data storage using Firebase.
- Enhanced my skills in back-end web development with JavaScript.

CERTIFICATIONS

- Freecodecamp – **Responsive Web Design**
- ALX Africa – **AI Career Essentials**
- SheCodes – **Web Development (Fundamentals of HTML, CSS and JavaScript)**
- Oracle – **Oracle Cloud Infrastructure Foundations Associate**