STACY WAITHERA KAMAU

Aspiring Software Engineer

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PROFILE

I am a third-year Mathematics and Computer Science student at JKUAT with a strong passion for software development, problem-solving, and emerging technologies. I am actively seeking an industrial attachment to apply my technical knowledge, gain hands-on experience, and grow under expert mentorship. My primary focus is on building scalable, efficient solutions in web development and software engineering.

EDUCATION

Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Bachelor of Science in Mathematics and Computer Science (September 2022 – Present)

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Statistics & Probability, Computer Systems, Database Systems, Systems Analysis & Design

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TECHNICAL SKILLS

- **Front-End Web Development**: HTML, CSS, JavaScript, ReactJS
- **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 (JavaScript, API Integration)

- Developed a weather app fetching real-time data via the SheCodes Weather API.
- Implemented current temperature, humidity, wind speed, and 7-day forecast features.
- Enhanced expertise in JavaScript and API handling (Axios).

EXTRACURRICULAR

- **Tech Sisters Kenya –** Attend virtual tech forums and online training sessions.
- **SheTech JKUAT –** Participated in the Huawei Career Fair Expo, gaining insights from industry experts on navigating tech careers as a woman.
- **Google Developer Student Club (GDSC) Web Development JKUAT –** Engage in Web Development discussions and forums.

CERTIFICATIONS

- Freecodecamp – **Responsive Web Design**
- ALX Africa – **AI Career Essentials**
- SheCodes – **SheCodes Plus (Fundamentals of HTML, CSS and JavaScript)**