

## SOFTWARE ENGINEER

### Jacinta Wairimu Mwangi

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### Professional Summary:

High-performing professional with expertise in cybersecurity, software engineering, and cloud computing. Skilled in project management, technical problem-solving, and innovative techniques. Demonstrated leadership abilities and a strong commitment to producing quality outcomes.

### Experience:

#### Agent- Data Mapping and Annotation | Sama AI | May 2021 - Dec 2022

- Conduct data mapping, labeling, tagging, and categorization of elements in large text datasets.
- Annotate and label text, image, and video data using internal software programs.
- Provide constructive feedback to engineers for enhancing tooling and processes to improve labeling efficiency and data quality.
- Collaborate with data science and data engineering teams to enhance data quality and management processes.
- Utilize software development skills for creating maps and analyzing geographic data.

#### Fall Armyworm Research Assistant | Center of Agriculture and Bioscience International (CABI), Kenya | Dec 2020 - Feb 2021

- Engage farmers in training on fall armyworm management.
- Collect and analyze data on the fall armyworm using software engineering techniques.
- Conduct literature reviews and prepare research materials.
- Maintain accurate and confidential records of interviews and experimental data.
- Assist in the acquisition of necessary equipment and supplies for the project.
- Attend project meetings and conferences to share project results.

#### Plant Inspector | Kenya Plant Health Inspectorate Service, Nairobi, Kenya | May 2018 - Aug 2018

- Provide pest control advisory services and seed inspection and certification.
- Promote conservation agriculture, climate-smart agriculture, and soil and water conservation.
- Inspect exports and imports of plant materials while ensuring compliance with biosafety regulations.
- Conduct facility inspections, field audits, and farmers' trainings on greenhouse management.
- Maintain phytosanitary and EU export standards.

**Education:**

- Ingressive for Good/CISCO- Cybersecurity
- ALX - Cloud Computing - 2023 - Current
- Moringa School - Software Engineering - 2022 - Current
- Maseno University - BSc. Horticulture with IT

**Professional Training:**

Digital marketing -Ajira digital  
Cyber security- Sama AI  
Code of conduct -Sama AI  
Software testing- Great learning

**Computer Skills:**

- Programming languages: JavaScript, Ruby, Ruby on Rails, React, CSS, HTML
- Software testing and quality assurance
- Cloud computing platforms: AWS
- Network security and penetration testing
- Secure coding practices
- Data encryption and security protocols

**Referees**

Eric Were - "KEPHIS"

Plant Inspector

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Geofrey Anyanda- "CIMMYT"

Entomologist

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Barnabas Odhiambo-Samasource

Teamlead

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