

# Samwel Mogaka Mongare

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## SKILLS

**Front-End:** *JavaScript, TypeScript, React Native, React, Redux, Next.js, jQuery, HTML5, CSS3, Tailwind, Bootstrap, UX/UI Design*

**Back-End:** *Python, Ruby, Ruby on Rails, MySQL, Django, Node, Express, Postgresql*

**Tools & Methods:** *Git, GitHub, Heroku, Netlify, Mobile/Responsive Development, RSpec, TDD, Figma, Agile methodologies, CI/CD pipelines, Docker*

**Professional:** *Remote Pair-Programming, Teamwork, Mentoring, Leadership, Strong Communication Skills*

## WORK EXPERIENCE

### SparePap Limited

**Remote**

*Product Manager / Quality Assurance / Tester*

*June 2024 - Present*

- Led cross-functional collaboration between developers and other departments, reducing feature implementation time by 30% through streamlined communication and task breakdown.
- Conducted 100+ whitebox and blackbox tests, ensuring 95% of new features were deployed without critical bugs.
- Managed and prioritized a backlog of 50+ features and bug fixes, improving development efficiency and reducing turnaround time by 40%.
- Optimized the development process by implementing structured task assignments, reducing miscommunications and rework by 25%.
- Spearheaded problem-solving sessions with developers, resolving 90% of blockers before development began.
- Assisted in prioritizing features based on market research and user feedback, leading to a 20% increase in user retention due to high-impact feature releases.
- Ensured high product quality, reducing post-release bug reports by 35% through rigorous testing and QA processes.

### Cognipal

**Remote**

*Full Stack Web Developer (Contract)*

*Nov 2023 - May 2024*

- Spearheaded front-end development for a US-based startup, focusing on creating user-friendly interfaces and seamless user experiences.
- I participated in developing a real estate AI agent solution that can be easily integrated into websites, enhancing user engagement and support.
- Designed and implemented a user dashboard, allowing clients to manage their accounts, generate API tokens, and access personalized features.
- Leveraged technologies such as Puppeteer for web scraping, AWS Lambda functions, and EC2 instances to optimize performance and scalability while minimizing cost to the fullest.
- I utilized Azure Blob Storage as a solution for scraped data, ensuring efficient data management and retrieval.
- I collaborated with cross-functional teams to achieve project goals, following Agile methodologies.
- Documented technical processes and provided training to team members.
- Contributed to the company's growth by delivering high-quality, accessible web solutions.

### Bellfeeds Farmcare

**Nairobi, Kenya**

*Full Stack Web Developer (Consultant)*

*Mar 2023 - Present*

- Developed and implemented a modern, user-friendly front end for the official company website using React, Material-UI, CSS, and Framer Motion.
- Increased website loading speed by 40% by optimizing code and implementing performance-enhancing techniques using server-side rendering privileges of Next.js.

- Implemented API calls from the headless CMS eCommerce to link the website's front and back end, resulting in a seamless user experience and improved functionality.
- Wrote and implemented clean, scalable code based on specifications while complying with WCAG 2.1 accessibility requirements.
- Troubleshooting and debugging code to ensure functionality and accessibility.
- Verified and deployed software systems.
- Maintained software code and security systems.
- Created technical documents and trained staff.

## AceWriters

Nairobi, Kenya

Full Stack Web Developer (Contract)

Oct 2022 - July 2023

- Collaborated with UI Designer to seamlessly integrate Figma design into the AceWriters franchise website, resulting in a 30% increase in user engagement and a 20% decrease in bounce rate.
- Utilized Google Analytics to analyze website traffic data, identifying areas of improvement and implementing SEO strategies that led to a 15% increase in organic search traffic within three months.
- Took on the challenge of learning new technologies such as NextJS endpoint features and Nodemailer, through which I was able to create a web application while using Express.js and utilizing the features of Node on the NextJS API endpoints to send orders to the client's email and give confirmation messages.

## Microverse

Remote

Code Reviewer

Jan 2022 - Mar 2023

- Provided detailed feedback and suggestions during code reviews, leading to a 50% improvement in coding skills for team members and junior developers.
- Mentored junior developers on best practices for writing clean, efficient code, resulting in a 15% increase in code quality scores.
- Collaborated with the development team on collaborative projects to establish coding standards and guidelines, leading to a 20% improvement in overall code readability.

## EDUCATION

### Microverse

Remote

Full Stack Web Development Program, Full Time

Graduation Date: May 2022

- Implemented remote pair programming methodologies using GitHub and industry-standard git-flow to effectively collaborate with international remote developers daily while ensuring seamless code integration.
- Utilized Ruby on Rails, JavaScript, React, and Redux to develop multiple projects showcasing proficiency in full-stack web development.
- Mastered algorithms, data structures, and full-stack development through 1300+ hours of dedicated study, resulting in a deep understanding of key programming concepts and techniques.

### Multimedia University of Kenya

Nairobi, Kenya

Bachelor's in Business Information Technology (Second Class Upper)

Graduation Date: Oct 2019

- Utilized my blend of technical knowledge and business acumen to complete projects that required a strong understanding of both fields, resulting in improved efficiency and effectiveness.
- During my studies in Business Information Technology, I acquired technical proficiency in networking units, digital logic, and programming languages, including C++ and Java.
- Developed a comprehensive understanding of business operations and management through coursework in accounting, marketing, and business management, enabling me to analyze and address organizational challenges effectively.

## SKILLS & INTERESTS

**Skills:** Microsoft Office (Excel, PowerPoint) | Github | Marketing | Web Scraping | CMS | CRM | Power Apps

**Interests:** Computer Hardware, Artificial Intelligence & Machine Learning, Mentoring, Teen Career Coaching, Football