

# Maureen Njihia

## Software Engineer

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### PROFESSIONAL EXPERIENCE

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#### FRESH NETWORKS

Nairobi, Kenya

##### Full Stack Software Developer

Jan 2025 - Jan 2026

- Designed and implemented core features of an agent-facing application, resulting in streamlined milk sales operations and improved distribution tracking efficiency.
- Contributed to the implementation of the dispenser app, providing a user-friendly interface that significantly elevated the customer experience in milk purchase, leading to increased customer satisfaction and repeat business.

#### ATHENS AI

Nairobi, Kenya

##### Frontend Engineer

Sep 2024 - Present

- Led UI/UX design and prototyping for the Athens AI platform, resulting in a 25% improvement in user adoption and reduced training time by 15% through intuitive design.
- Built responsive, high-performance frontend components using React and Tailwind/Bootstrap, cutting page load times by 30% and significantly enhancing user satisfaction scores.
- Integrated RESTful APIs and worked closely with backend engineers, streamlining the data pipeline and increasing overall application stability by 99.9% uptime.

#### RHOKIT

Remote

##### Frontend Engineer

Oct 2023 - Apr 2024

- Led the transformation of the Rhokit HR System's frontend interface, using ReactJS, Firebase, and Bootstrap 5, resulting in an enriched user experience and a 30% increase in system adoption and daily active users.
- Oversaw the complete UI redesign process from ideation to execution, improving system navigation and reducing the average time to complete key HR tasks by 15%.
- Facilitated collaboration among team members in requirement gathering sessions and aligning objectives with Rhokit's strategic goals, ensuring the new design directly supported talent management initiatives and reduced data entry errors by 10%.

#### THREE MODERN SYSTEMS K LTD

Remote

##### Software Engineer Intern

Jun 2023 - Sep 2023

- Contributed to the successful redesign and rewriting of the frontend interface for the ThreeP Property Management System, resulting in a 25% improvement in user experience and 15% increase in system efficiency.
- Assisted in the implementation of Rest APIs, reducing data processing latency by 30% and improving component communication speed by 20%.
- Applied AngularJS for robust frontend development, integrating seamlessly with SpringBoot and Java backend technologies, increasing application scalability by 40% and reducing long-term maintenance costs by 10%.

## EDUCATION

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UNIVERSITY OF NAIROBI

*Bachelor of Science in Computer Science*

Grade: First Class Honors

Nairobi, Kenya

SEP 2020 - JUN 2024

ST MARY'S GIRLS' IGOJI

*Kenya Certificate of Secondary Education*

Grade: A-

Meru, Kenya

FEB 2016 - NOV 2019

## SKILLS

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- **Frontend:** React.js, Next.js, Angular, TypeScript, Tailwind CSS, Material UI
- **Backend:** Python, Node.js, Nest.js, Java, PHP, PostgreSQL/MySQL, Firebase
- **Mobile:** Flutter
- **DevOps:** AWS, Docker
- **Tools:** Git (Version control), Figma (UI/UX design)

## CERTIFICATIONS

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CYBER SHUJAA

*Cloud & Network Security*

Remote

SEP 2025 - DEC 2025

INFOSEC

*AWS Certified Cloud Practitioner*

Remote

AUG 2024

INFOSEC

*Cisco CCNA Associate Fundamentals*

Remote

JUL 2024

MORINGA SCHOOL

*Full Stack Software Engineering*

Remote

JUL 2022 - JAN 2023

## PROJECTS

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### Mazingira AI

A web based llm chatbot that aims to enhance climate literacy by debunking myths and misconceptions on climate change. It utilizes NLP techniques to provide users with a conversational platform to gain real time insights on climate change in Kenya. [Link](#)

### Argus AI Secure

An enterprise security web application featuring FIDO2/WebAuthn passwordless authentication and security key lifecycle management. It offers real-time monitoring, automated account lockout, audit logging, and an AI assistant for enhanced access control and emergency response via hardware security keys. [Link](#)

### Sonic AI

A full-stack voice cloning application that uses Coqui TTS models to create a digital voice clone from any sample, generating natural speech from text. It analyzes vocal characteristics like tone, pitch, and accent. Features include recording, multi-format upload, real-time processing, and high-quality audio export via an intuitive web interface. [Link](#)