# Antony Gichuki

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## SUMMARY

- Versatile Software Engineer with hands-on experience in AI, Web Development, and DevOps, specializing in Full-Stack web Development and Azure cloud solutions.
- Proven ability to develop scalable, AI-driven applications that enhance user engagement and streamline operations.
- Confident problem-solver focusing on optimizing cloud infrastructure and automating processes to boost efficiency.

## SKILLS

Programming Languages: C++, Typescript, JavaScript, SQL,Python
Cloud Platforms: AWS, Azure
Web Development: React, Node.js, HTML/CSS
DevOps Tools: Docker, Git

## EDUCATION

**Bachelor of Science in Information Technology**
Kirinyaga University | Kirinyaga, Kenya | September 2022– Present

- Focused on Computer Science, Cloud Computing, and AI.

**Software Development Teach2Give**
Teach2Give | Nyeri, Kenya | March 2024

- I completed a comprehensive Full stack web development course, covering modern technologies and best practices in building responsive web applications.

**Software Engineering Power Learn Project**
Power Learn Project | Nairobi, Kenya | August 2024

- I completed a comprehensive Software Engineering course, covering modern technologies and best practices in building responsive web applications.

## VOLUNTEER ACTIVITIES

**Web Development Mentor**
Computer Society of Kirinyaga (CSK) | Kirinyaga, Kenya | January 2024 – Present

Mentored and guided 30+ students in web development, helping them build foundational skills and complete real-world projects.

## PROJECT WORK

## Property Management System

**Team Project** - 2024 - Present
**Role**: Lead Developer
**Description**: As the lead developer in a team of four, I guided the development of a property management system. The project involved backend and frontend development, system integration, and deployment.

**Technologies**: React, Tailwind CSS, Redux, Node.js, TypeScript, Neon, Drizzle-ORM, MongoDB

## Car Rental System

**Personal Project** - 2023
**Description**: Created a web-based platform for managing car rentals, enabling customers to book vehicles online seamlessly—integrated essential features such as vehicle management, user authentication, and secure payment processing.

**Technologies**: React, Tailwind CSS, Redux, Node.js, TypeScript, Neon, Drizzle-ORM

## Portfolio Project

**Personal Project** - 2022
**Description**: Designed and developed a personal portfolio website to showcase projects and technical skills. Focused on a responsive design, interactive contact forms, and intuitive navigation to optimize the user experience.

**Technologies**: HTML, CSS, JavaScript