



SEBASTIAN MUCHUI

S O F T W A R E & H A R D W A R E D E V E L O P E R

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INTRODUCTION

I am a full stack software developer with a wide array of skills varying from web development to IoT. I work with HTML, CSS, Javascript, Python, PHP, Go, C and C++. I am also comfortable working with relational databases and linux systems.

In addition, I have significant working proficiency with micro controllers, firmware and circuit design software.

SKILLS

WEB DEVELOPMENT

Html, CSS, SCSS, Javascript,
Typescript, PHP, Python, Go,
React/Next.js, Node.js,
Django, Laravel

DEVOPS

Linux, Bash, Docker,
Git

HARDWARE

Firmware (C/C++), Circuit design, Arduino, ESP32,
FreeRTOS

EXPERIENCE

SOFTWARE ENGINEER

Maridadi Online 2022-2023

Designed, built and deployed maridadionline.com,
A multivendor ecommerce website.

Skills: PHP, Javascript, SQL, SCSS

CORE TEAM MEMBER

Google Developer Groups JKUAT 2023-2025

Organized technical and non-technical sessions for the club.

Hosted IOT and Robotics Sessions

Skills: Technical Speaking, Management, Leadership

SOFTWARE ENGINEER

NIAH AI 2024

Designed and deployed askniah.com, an AI powered health
application

Skills: Tailwind CSS, Deployment

FRONTEND SOFTWARE ENGINEER

Disheey 2024

Worked on disheey.com, a web platform to aid restaurants in delivery management, order
tracking and finance management.

Skills: Docker, Laravel, APIs

BACKEND SOFTWARE ENGINEER

Authelio 2024

Built REST APIs to serve mobile applications. Worked in a test
driven environment with multi-stage deployment pipelines.

Skills: Django, Docker

SOFTWARE ENGINEER

Karegivr 2024

Worked on karegivr.com, a web platform that connects patients and healthcare providers
to each other. Implemented CI/CD Pipelines to safely deploy different services.

Skills: Next.js, Github actions, Django REST framework

EDUCATION

SOFTWARE ENGINEERING

ALX Holberton

2022 - 2024

BSC CONTROL AND INSTRUMENTATION

Jomo Kenyatta University of Agriculture and
Technology

2022 - Present

INSPIRE YOUTH IN STEM BOOTCAMP

Jomo Kenyatta University of Agriculture and
Technology

2022