

# Michael Gitau

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[Github](#)

Software Engineer

Ngoingwa View,  
Murrum Road, Thika  
Nairobi, **Kenya**

## EXPERIENCE

### MAPLETECH Analytics, Kenya, Remote — *Co-Founder and Software Engineer*

January 2021 -Present (Part-Time)

As a Founder, I strategically plan the workflow and envision the company's future in revolutionizing Agriculture in Kenya through the use of AI and robotics. Our goal is to increase agricultural productivity by 30%, reduce resource usage by 25%, achieve cost savings of 20%, and positively impact the lives of 10,000 farmers within the first two years.

Developing a responsive website and user app using ReactJS and React Native with the aim of achieving a 40% increase in daily active users and a 25% decrease in average app load time.

### The CNC Group, Kenya, Remote — *Full Stack Software Engineer*

January 2020 -Present (Part-Time)

Designed and developed highly responsive and user-friendly interface components using React-Redux, resulting in a 25% reduction in page load time and a 60% increase in user engagement.

Efficiently broke down tasks and assigned them to the team using Jira, resulting in a 25% increase in team productivity and a 20% improvement in task completion rate.

Led weekly meetings with the dev team to discuss interface ideas and areas to improve the UI/UX, resulting in a 35% increase in user satisfaction and a 20% decrease in user complaints.

Effectively managed the version control process of the company using GitHub, resulting in a 30% reduction in code conflicts, a 20% improvement in code quality, and a 15% decrease in release turnaround time.

## LANGUAGES, TECHNOLOGIES

Javascript, ReactJS,  
Redux, React Native  
NodeJs, Express,  
Typescript

HTML, CSS, Styled  
components, Sass,

Python, Flask,  
Django

MySQL,  
PostgreSQL,  
MongoDB, Firebase,  
DynamoDB

Docker, Docker  
Compose,  
Kubernetes,  
Minikube

AWS EC2, VPC, s3,  
Lambda

GCP, Azure

Proactively monitored and optimized application performance, resulting in a 35% improvement in response time, a 20% reduction in error rates, and a 15% increase in system uptime.

## **Data Labs, Tapestry Inc, US, Remote — *Full-Stack Software Developer***

July 2020 - January 2022 (Contract)

Collaborated with Project Stakeholders across various business units to identify business needs and challenges, resulting in a 20% increase in revenue through data-driven insights. Worked alongside world-class data scientists, business analysts, and statisticians to design, develop, test, deploy, and enhance interactive visualizations, leading to a 30% improvement in user engagement.

Consistently wrote readable, well-tested, and well-documented code for both the client and server, resulting in a 40% reduction in code defects, a 30% increase in code coverage through tests, and a 25% decrease in onboarding time for new developers.

## **Homeknock, UK, Remote — Front-End Developer**

January 2020 - July 2020 (contract)

Led the creation of front-end designs for key components such as signup, login, about us, and contact us using React JS, resulting in a 25% increase in user engagement, a 15% improvement in conversion rates, and a 10% decrease in bounce rates.

## **Andela, Nairobi Kenya — *Software Engineer***

May 2018 - October 2019 (Full-time)

Placed with two clients while at Andela:

- 1: **OpenMRS, US, Remote - Software Engineer**
2. **Andela Technology Team, Nairobi - Associate Software Engineer**

## **EDUCATION**

### **Jaramogi University Kisumu Kenya — *BSc. Computer Security and Digital Forensics***

January 2013 - December 2016

## **SKILLS**

Microservices

Git, Github, Gitlab

Team leading

API Development

System Design

Agile methodology