RUTH NAFULA MISIKO

Software Developer

CONTACT

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- 📍 NAIROBI, Kenya
- 🌐 https://ruthmisikoportfolio.netlify.app/

PROFILE SUMMARY

I am a dedicated software developer with over 3 years of experience, specializing in delivering innovative, cost-effective solutions. I excel in managing projects, leading teams, and driving successful outcomes with a client-focused and performance-driven approach. Passionate about using technology to solve complex challenges.

EDUCATION

2020 - 2024

SOUTH EASTERN KENYA UNIVERSITY

- Bachelor of Computer Science
- Second Class: Upper Division

2016 - 2019

ST.MONICA CHAKOL GIRLS

- Kenya Certificate of Secondary Education (KCSE).
- GRADE: B(65 Points)

YEAR OF COMPLETION: 2015

NZOIA PRIMARY SCHOOL

- Kenya Certificate of Primary Education (KCPE).
- GRADE: (308/500)

WORK EXPERIENCE

Swifthub LImited Company   2023- PRESENT
Software Developer

- Integrated SMS and payment systems to enhance customer communication and streamline transactions.
- Developed and consumed APIs to support seamless data exchange and functionality.
- Participated in back-end development using PHP and Laravel to build scalable and efficient applications.
- Designed and implemented user interfaces, ensuring responsive and user-friendly experiences using next js , vue js and nuxt js.

Swifthub Limited Company   May 2023 - July2023
Internship

- Developed and tested APIs, collaborated with team members to fix bugs, and maintained existing systems.
- Designed user interfaces using HTML, CSS, JavaScript, and jQuery, and contributed to back-end development with PHP, Laravel, and JavaScript technologies.
- Actively participated in code reviews, daily standups, and the management of user stories and bug fixes.

Shape AI   Jan 2022 -March 2022
Managerial Internship

- Managed Customers feedback and prepared reports.
- Collaborated with other developers to manage projects..

SKILLS

- PHP and Laravel framework.
- JavaScript-
- Vue3 – Composition Api
- AJAX and jQuery.
- Linux distributions – Ubuntu (Debian) / Manjaro (Arch).
- Database management software.
- Python, Django
- Git version control.
- CI/CD in Gitlab.
- Apache / Nginx Servers.
- Application Architecture MVC.
- MySQL and PostgreSQL: SQL Workbench.
- Data Analysis.
- Machine Learning Algorithms
- Project Management
- UI / UX Design (Canva)
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LANGUAGES

- English: Fluent
- Kiswahili: Fluent

REFEREES

1. Mr Brian Kiptanui
Senior Developer
Swifthub Limited Company
Mobile Phone: 0727970853

2. Dr. Andrew Omala
Chairman Department of computer science and Technology.
South Eastern Kenya university.
Mobile Phone: 0721268181

PROJECTS COMPLETED

Climate Change Prediction and Recommendation System

- Developed using Python, Machine Learning Algorithms, Flask, and JavaScript for Kenya Counties. It allows users to select a county, period, and predict climate conditions. The system displays the prediction and recommends suitable crops for the specified period.

TumaBill System

- A system developed using Laravel, JavaScript, and AJAX to monitor payments and keep track of customers. Participated in the development of this project.
https://www.tumabill.com

M-Reside Property Management System

- An online property management system designed for property managers, landlords, and tenants. It comprises three main modules: property management, payments, and communication. Developed using PHP/Laravel, MySQL, AJAX, and integrated with payment gateways (M-Pesa, Co-op Bank, KCB, and Family Bank).
https://www.m-reside.com/

TODO Application

- Developed a user-friendly TODO application using Vue.js, showcasing my front-end development skills. The app allows users to create and delete tasks seamlessly with dynamic UI updates. It features state management, responsive design, and local storage integration for data persistence, ensuring an efficient and interactive user experience. https://todoapplication2025.netlify.app/

Primary School ERP

- Designed and developed a Primary School ERP system to efficiently manage teachers, students, and classes. The system allows administrators to create, update, and delete teacher and student profiles while organizing class schedules and assignments. This project highlights my skills in backend logic, database management, and creating a user-friendly interface to streamline school operations.

CERTIFICATIONS

UI/UX DESIGN
Simplilearn.
November 2024

INTRODUCTION TO ARTIFICIAL INTELLIGENCE CERTIFICATE
Simplilearn.
January 2022

PYTHON FOR DATASCIENCE
Simplilearn.
February 2022

BASICS OF WEB DEVELOPMENT CERTIFICATE
Devtown bootcamp
December 2020