CURRICULUM VITAE

Ruth Nafula Misiko

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Ruth Nafula Misiko

SUMMARY

I am a software developer with over 2 years of experience, bringing a strong dedication to delivering innovative solutions that enhance productivity and ensure cost-effectiveness. Adept at guiding development processes with a creative and performance-driven mindset, I excel in leading teams and managing projects effectively. Highly organized and client-centric, I possess demonstrated abilities in project management and team leadership. Committed to applying my cutting-edge skills, I strive to drive successful outcomes by providing high-level solutions that meet business needs while maintaining outstanding cost-efficiency.

EXPERIENCE

Swifthub Limited

Software Developer

July/2023 - Present

- SMS integration.
- Payment integration.
- Developing and consuming APIs.
- Back-end development using PHP, Laravel.
- User Interface Design.
- Front End development using HTML, CSS and Vue Js.
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Swifthub Limited

Intern

May/2023 – july/2023

- Developing APIs
- Testing the APIs.
- Worked with other team members in fixing bugs.
- Mantainance of existing Systems

- User Interface design using HTML, CSS JavaScript and jQuery.

- Back-end development using PHP, Laravel, JavaScript technologies.

- Participated in code reviews, daily standups, bug fixes and user stories

SKILLS

- PHP and Laravel framework.
- JavaScript-
- Vue3 – Composition Api
- AJAX and jQuery.
- Linux distributions – Ubuntu (Debian) / Manjaro (Arch).
- Database management software.
- Python

- 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 Design

PROJECTS COMPLETED

1. **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

3. **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

the specified period.   (M-Pesa, Co-op Bank, KCB, and Family

Bank). https://www.m-reside.com/

2. **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

EDUCATION

South Eastern Kenya University
Bachelor Degree in Computer Science.
YEAR OF GRADUATION 2024.
GRADE:

ST. Monica Chakol Girls High School
Kenya Certificate of Secondary Education (KCSE).
YEAR OF COMPLETION 2019
GRADE: B(65 POINTS)

Nzoia Primary School .
Kenya Certificate of Primary Education (KCPE).
YEAR OF COMPLETION 2015
GRADE: (308/500)

CERTIFICATION

1. *INTRODUCTION TO ARTIFICIAL INTELLIGENCE CERTIFICATE*
   SIMPLILEARN.
   JANUARY 2022.

2. Python For Datascience

   SIMPLILEARN

   FEBRUARY 2022

3. *BASICS OF WEB DEVELOPMENT CERTIFICATE*

   DEVTOWN BOOTCAMP

   DECEMBER 2020

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