Clinton Omari

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Career Objectives

Dynamic and results-driven full-stack software engineering with a strong background in developing scalable web applications. Passionate about building innovative solutions, with a keen interest in traffic congestion prediction and optimization. Adept at working with both frontend and backend technologies, aiming to contribute to cutting-edge projects that create meaningful impact.

Education

Chuka University

Bachelor of Applied computer science

2021-2025

Certifications

Certified full-stack web Developer

Teach2Give (The JITU), July 2024

Instructor: Daniel Kitheka

Achieved certification after completing three-month attachment training.

A2 certificate in SPSS

November 2021

Proficient in using SPSS for data analysis and statistical modeling.

A2 Certificate in STATA

November 2021

Skilled in using STATA for statistical analysis and data management.

Professional Experience

Chai Sacco project

Full-stack Developer

September 2024 – present

- Developed and maintained a web application for Chai Sacco to streamline internal processes.
- Implement Angular frontend and Node.js, express for backend.
- Integrated RESTful APIs for seamless communication between frontend and backend services.
- Enhanced user experience by building dynamic forms and improving UI/UX design.

Plana Events

Full – stack Developer

July 2024 – August 2024

- Developed an event management system using Node.js, express ad Angular.
- Implemented an attendee dashboard, event approval workflow, and event booking history.
- Built search and filter functionalities to optimize user experience across dashboards.

Library Management System

Software Developer

January 2023 – March 2023

- Developed a full – stack application using Node.js, express ad Angular.
- Developed a system to manage library resources efficiently, including book check-ins/checkouts and catalog search functionality.

Key Projects

Rosa Corps Business Solutions
CEO & Founder
September 2024 – Present

- Leading the development of Rosa Corps, a large-scale business focusing on innovative tech solutions, ensuring strategic partnerships with other companies like Foster Corps.

Traffic Congestion Prediction & Optimization
Research & Development Focus
September 2024 – Present

- Working on solutions to predict and optimize traffic flow using data analysis and machine learning techniques.

Technical Skills

- **Languages**: JavaScript, TypeScript, Python, SQL, HTML/CSS

- **Frameworks**: Angular, Node.js, Express.js, React, Django

- **Database Management**: MySQL, MongoDB

- **Version Control**: Git, GitHub

- **Testing**: Jest, Jasmine

- **Data Analysis Tools**: SPSS, STATA

- **Other**: RESTful API Development, JWT Authentication, Agile Methodology, Docker

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Additional Skills

- Strong problem-solving and analytical skills.

- Excellent communication and collaboration abilities.

- Passionate about continuous learning and staying updated with industry trends.

Achievements

- Developed and deployed several full-stack applications for diverse industries.

- Successfully completed Teach2Give's web development training program, earning recognition for leadership and technical excellence.