MOHAMED **HASSAN**

Software Engineer

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Chiromo Riverside Drive 14, Nairobi

SUMMARY

Highly motivated and dedicated software engineer with a strong passion for coding and problem-solving. Over 3 years of hands-on experience in developing private projects, focusing on creating efficient and innovative solutions. Skilled in various programming languages and technologies, including Python, JavaScript, and SQL, with a keen interest in AI applications and cybersecurity . Proven ability to manage project timelines, troubleshoot technical issues, and collaborate effectively with peers. Possess a self-driven work ethic and a commitment to continuous learning and improvement in software development practices.

EDUCATION

University of Nairobi

Bachelor's of Computer Science
2021 – 2025

SKILLS

- Full-Stack development
- Machine Learning
- Web Hacking/Penetration Testing
- Data analysis
- Computer Networking and Security
- Exceptional communication and interpersonal skills
- Ability to work independently and as part of a team
- Strong organizational and time-management skills

CERTIFICATIONS

- Data Structures and Algorithms certification by Udemy
- Machine Learning Specialization by Coursera
- Web Hacking/Penetration Testing certification by Udemy

PROJECTS COMPLETED

Rental Finder Application

This is an application designed to become a perfect marketplace where tenants looking for rental houses can browse for vacant homes posted by the property managers.

Next-Gen Restaurant Chatbot

This is an AI based application powered by Google's Dialogflow that takes textual as well as visual orders from customers, places the order and finally sends order number, price and other relevant information to the customer.

Potato Disease Detector

This is an application I developed for potato farmers that enables to scan their farms help them distinguish the healthy ones from the ones that suffered blight.

E-Commerce Site

This is web based application that is designed to be a marketplace for retail and consumer products.

The list is long...

Volunteering And Community Service

In 2020, I initiated a tuition service aimed at assisting refugee students in Dadaab who were facing barriers to accessing online education resources.