

# Ian Hubert Omondi Ogonjo

Full-Stack Developer

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## PROFILE SUMMARY

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I am a Full-Stack Developer with a strong passion for website development and data analysis. My expertise lies in building user-friendly and efficient web applications, leveraging both front-end and back-end technologies to deliver seamless functionality and a superior user experience. With a solid foundation in Python, Flask, and modern web development practices, I have successfully designed and implemented complete web solutions tailored to meet specific user needs.

I am eager to further enhance my skills by embracing advanced technologies and innovative approaches to create impactful web solutions.

## TECHNICAL SKILLS

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**Languages:** JavaScript, HTML/CSS & Python

**Databases:** MYSQL

**Frameworks and Libraries:** Flask

**Platform and Dev Tools:** Git, Docker, Microsoft Azure Studio, PowerBI, Apache Server & Tableau Public

## WORK EXPERIENCE

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**Web Developer & Data Analyst Attachee**

**January 2024 – March 2024**

Information and Communication Technology Authority

- Learnt on how to enhance user experience by implementing responsive web design and optimizing website performance using Figma.
- Developed custom web applications, resulting in tailored solutions for optimizing internal government services.
- Planned website development, converting mockups into usable web presence with HTML/CSS, JavaScript and frameworks such as Laravel.
- Worked on Data Analysis for Last Mile Project for the National Optic Fibre Backbone Infrastructure (NOFBI) project using PowerBI & Tableau Public.
- Worked on creating Semi Supervised Learning Models using Python libraries such as numpy and pandas

## PROJECTS

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**MaidBora** | HTML, CSS, PHP, Laravel & MYSQL

**April 2023 – July 2023**

MaidBora is a web application that seeks to connect homeowners to social skill workers, e.g., housemaids, chefs, or babysitters. This application was built to bridge the gap between both social workers and homeworkers, as in the past it has been seen to be very tiresome to find reliable help through traditional means. By providing a streamlined platform for matching the

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needs of homeowners with the skills of social workers, MaidBora simplifies the process, making it more efficient and trustworthy for both parties involved.

**EduSense** | HTML, CSS, JavaScript & Flask

**April 2024 – November 2024**

EduSense is a web-based application designed to streamline student management processes in educational institutions. The platform connects students, lecturers, mentors, and administrators by providing a centralized system for managing academic records, tracking attendance, and evaluating performance. EduSense leverages data-driven insights and machine learning models to predict student outcomes, such as dropout risks, enabling proactive interventions. By automating administrative tasks and enhancing academic monitoring, EduSense fosters a more efficient, transparent, and supportive educational environment for all stakeholders.

## EDUCATION

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**Strathmore University**

*Bachelor of Science in Business Information Technology*

Nairobi, Kenya

**June 2021 – Present**

## CLUBS & SOCIETIES

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**Strathmore Business Club**

Finance Director

**April 2024 - Present**

- Leading and managing the Flea Market Committee in planning and executing flea market events at Strathmore University through the SBC Marketplace.
- Supervising financial operations in collaboration with the financial analysis team and accountants.
- Overseeing the launch of Uniduka to SBC vendors, an e-commerce platform facilitating vendor sales.
- Advise the president of the club and board of directors on strategic financial management plans based on quarterly goals.

## REFEREES

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1. **Joseph Mungai**,  
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2. **Emmanuel Olang'**,  
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3. **Joshua Opondo Omukuyia,**  
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