

Peter Ochieng Omondi

FULL-STACK SOFTWARE ENGINEER



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*I am a Full-stack software engineer who uses Frontend and Backend Technologies to build robust and high quality systems that provides solutions to various problems that arise as the world evolves. With a strong foundation in programming languages such as HTML, CSS, JavaScript, and proficiency in frameworks like React.js and Angular.js, Python Flask, I craft engaging and interactive user interfaces that deliver exceptional user experiences. On the back-end, I leverage my knowledge of server-side technologies such as Node.js, Express.js, and databases like MongoDB and SQL to build robust, scalable, and efficient applications. Besides, I find fun in counter- intuitive debates around *whys* and *what ifs*, also I'm eager in understanding the theory of mind, how we think and make decisions.*

Recent Appointments

Jenga School CAMPUS AMBASSADOR	Nairobi, Kenya
Applause Inc. DEDICATED TESTER(DT)	Online

Education

Egerton University • Pursuing Bachelor of Science in Computer Science currently in my final year of study.	Nakuru, Kenya 2021- Present
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Research Experience

 • Conducted a research on the implementation of machine learning models to reduce unemployment among youths in Kenya	Nakuru, Kenya January 2024–March 2024
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Leadership, Service & Community Engagement

MEMBER: KAGUMBA COMMUNITY BASED ORGANIZATION (KISUMU, KENYA)

Mar 2022 - Present

- Contributes to CBO goal of empowering women and youth both economically and socially in our local community and instilling climate information in them

BLOGGING: MEDIUM (ONLINE PLATFORM)

Jan 2024 - Present

- Posting different suggestions on how we can tackle problems solvable through software development.
- Sharing suggestions on ways that we can use to extend our capabilities in life.

MENTOR: TECHTITANS: (STUDENTS COMMUNITY)

Sept 2023 - Present

- Guiding fellow students who are just getting into tech world, helping them to find their paths , teaching web development.

MEMBER: (EGERTON UNIVERSITY COMPUTER SCIENCE STUDENTS ASSOCIATION): EGERTON UNIVERSITY (NAKURU, KENYA) *Sept 2021 - Present*

- Led the Geography students' association organizing several activities and events to boost team work among students

Recent professional development

Developed a laundry software system for Egerton ARC Laundry using HTML, CSS, JavaScript, Java and MySQL.

Developed a car rental management system using HTML, CSS, JavaScript, Flask and MySQL.

Developed a house rental system to allow students around Egerton to book rental houses while at home using HTML, CSS, JavaScript and Flask.

Developed an E-Commerce System for selling electronic products using HTML, CSS, JavaScript and Flask.

Awards and Funding

Mar 2024 **Ingressive For Good (Data Science)** Pursuing Data Science Course via Ingressive For Good Full Scholarship

Jul 2022 **Research Stay Grant (Visiting Researcher)** (Passau University): Awarded \$ 490.00 as a visiting researcher to the department of Geography, University of Passau

Aug 2019 **Scholarship Grant (High School Student)** (Kisumu County Scholarship): Awarded full scholarship to undertake high school studies at Ambira High School, Kenya.

Conference participations

2022 **Egerton University Alumni Hackathon** , Egerton University

2022 **DevFest 2023 Nairobi** , Nairobi

2024 **Rift Valley Open Source** , Moi University

Referees

1. Mr. Peter K. Kiprono Department of Computer Science , Egerton University , Kenya
2. Dr. Wycliffe A. Oluoch , Bonn University , Germany