

MUCHIRI LEAH WAIRIMU

Full-stack Web Developer and future software-engineer

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GitHub: <https://github.com/lishyamuchiri/>

Experience

Africa Agility

Nairobi, Kenya

Team lead, Software Development Bootcamp

01/2025 – 04/2025

- Coordinated team activities and facilitated problem-solving approaches to complete multiple software projects

eMobilis Mobile Technology Institute

Nairobi, Kenya

Web development Bootcamp

10/2024- 12/20

- Led various full-stack web development projects, utilizing HTML, CSS, JavaScript, Django, and MySQL
- Implemented problem-solving practices to debug and enhance web applications while improving user experience

Group web Development Project

Meru, Kenya

Project Lead

10/2023- 2/2024

- Managed a team of 5 students to design and deploy a fully responsive travel website, enhancing interactive user experiences
- Handled deadlines, resource allocation, and technical planning to ensure project delivery

Topaz Attachment Program

Nairobi, Kenya

Teaching Assistant

05/2024- 8/2024

- Assisted with the teaching of key software concepts in classroom settings, focusing on hands-on guidance for software applications
- Played a role in developing instructional material, simplifying complex tech topics for a wide range of students

Global Health Association of Kenya (GHAK)

Nairobi, Kenya

Contributor

05/2024- 10/2024

- Engaged in technology-driven projects aimed at improving public health outcomes
- Development of software tools for health programs

Education

Meru University of Science and Technology

Meru , Kenya

Bachelor of Science in Information Technology

2021-2025

- (Ongoing-Forth-Year Student)

Cisco Academy

Artificial Intelligence & Machine Learning

8/2024-12/2024

- Artificial Intelligence & Machine Learning, Cisco Networking Academy (Certified)

Badged

Introduction to cyber security

3/2024-5/2024

- Cisco Networking Academy (Badged)

Summary

Full-stack Web Developer Dynamic and skilled front-end web developer with strong back-end experience and expertise in creating interactive and scalable user interfaces. With a focus on full-stack development using technologies like Django, Python, and MySQL, I am experienced in building digital solutions that enhance user engagement and streamline system functionalities. I thrive on learning new concepts such as AI, machine learning, and cloud computing to stay ahead in an ever-evolving tech industry

Training/Courses

Full-Stack Web Development Bootcamp, eMobilis - EMobilis

Front-End Web Developer Bootcamp, AfricaAgility - AfricaAgility

Software-engineering – PowerLearnProject (plp)

Certification

ONGOING CERTIFICATIONS

- Full-Stack Web Development Bootcamp, eMobilis (Expected Certification: [Feb 13th 2025])
- Front-End Web Developer Bootcamp, AfricaAgility (Expected Certification: [July 20th 2025])
- -Software-engineering , PowerLearnProject(plp) (Expected Certification:[October 2025])

Completed Certification

- Artificial Intelligence & Machine Learning, Cisco Networking Academy (Certified, December 12, 2024)
- Introduction to Cybersecurity, Cisco Networking Academy (Badged, April 25, 2024)
- S-Hook Portfolio hackathon certification

Skills

Django, front-end, Mysql, React, web3, Database Management, Git, Github, Graphic Design, Cybersecurity, Video Editing, Adobe Premier pro, Javascript, Css, Bootstrap, Debugging

Find me online

Linkedin

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Github

<https://github.com/lishyamuchiri/>

Key Achievements

Portfolio Website – S-Hook Portfolio Challenge

Earned a **certificate for successful completion** of the challenge, ranking among **top participants** in UI/UX design and web development.

Blockchain-Based Smart Contract Development

Successfully contributed to an **open-source Avalanche repository**, enhancing **code optimization and smart contract execution speed**.

Projects

Essy Properties – Real Estate Management System

A real estate web application allowing property listing, booking, and client inquiries.

- Automated 50% of manual inquiries, making property management more efficient.

Rock-Paper-Scissors on Avalanche Blockchain

A decentralized smart contract-based game ensuring transparent and tamper-proof gameplay.

- Contributed to blockchain adoption in gaming, enhancing trust and fairness in smart contract execution