


Faith Muiruri

Software Engineer

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Profile

I'm a dedicated woman in tech with expertise in web development (HTML, PHP, Laravel 10) and JavaScript (ReactJS, React Native). Proficient in Node.js, MySQL, and MongoDB. Currently expanding knowledge in ML and AI. Excited to contribute to projects, collaborate in a team setting, and innovate in the field of informatics and computer science.

Education

B. Sc. IN INFORMATICS AND COMPUTER SCIENCE, STRATHMORE UNIVERSITY

April 2020 – Present | Expected Graduation: June 2024 | Nairobi, Kenya

- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Web Development, Operating Systems, Database Systems, Calculus, Linear Algebra, Probability and Statistics, Distributed Systems, Systems Analysis and Design, Artificial Intelligence, and Machine Learning.

CERTIFICATE IN STANDARD WEBSITE AND ANDROID DEVELOPMENT | ZALEGO INSTITUTE, Zalego Academy

December 2019 – April 2022 | Nairobi, Kenya

- **Relevant Coursework:** Introduction to Programming, Data Analytics

Professional Experience

JUNIOR SOFTWARE DEVELOPER | LEAPLUG COMPANY

Nairobi, Kenya

January 2023 – April 2023 | Nairobi, Kenya

- Contributed to the development of a web app for the HeriWork website, utilizing Laravel 10 and SQL to digitize the employee clearance process.
- Achieved a minimum 50% reduction in clearance time and errors compared to the manual process.
- Led a team of 5 to successfully complete the project within a tight 3-month deadline.
- Significantly improved troubleshooting skills and implemented best practices in software development.

Organization Focus: Utilizing Top College Talent for Real-World Problem-Solving.

TECHNICAL SKILLS

Proficient in:

- Programming: JavaScript, Python, PHP, SQL
- Technologies: React.js, Next.js, Node.js, MySQL, Figma, Azure

Familiar with:

- Programming: Java, Kotlin, C++
- - Technologies: Laravel, PostgreSQL, Docker, scikit-learn, Keras

Projects

BetterCent

Front-end design catering to financial advisers for seamless navigation and engagement.

Tech used: HTML, CSS, JS.

HeriWork

A website facilitating collaborative work and employment opportunities.

Allwaste

Web application for recycling and scheduling garbage collection.

Tech used: PHP(Laravel 10), HTML, CSS, JS, AZURE, MYSQL.

RideShare

Website implementing real-time communication channels between drivers and riders.

Tech used: Blockchain, TypeScript.

Awards

2023 Awards

Internet Computer Hub Hackathon BLOCKCHAIN Winner – Internet Computer

Microsoft Imagine Cup 2023 Online Semifinals winner – Earth Category

Activities

CARETECH MEDICAL LIMITED

01/2022 – 04/2022

Ensured impactful online communication and active engagement with the audience, handling both technical (data management) and communicative (social media) aspects.

STRATHMORE FRENCH-GERMAN CLUB

01/2022 – 11/2023

visited various children's homes.

Interests

Chess | AI and Machine Learning Trends | Reading Books| Working Out | Cycling | Foreign Languages