

CURRICULUM VITAE

Name: Simon Mwangi

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Portfolio: <https://unicodeonesolutions.com/our-work/>

PROFILE SUMMARY

A highly motivated and recent graduate with a Bachelor of Business Information Technology. Eager to leverage my strong educational background and software development skills to contribute to solving real world issues. I am enthusiastic, detail-oriented, and committed to furthering my career in software engineering.

CAREER OBJECTIVES

To work in an environment where I can enhance my knowledge in both business and technology and thus gain new skills that can propel me to great heights in my future career path.

PROFESSIONAL AND PERSONAL SKILLS

Programming Languages: Java, Python, Kotlin.

Web Development: HTML, CSS, JavaScript, Django

Version Control: GitHub.

Knowledge in Databases: Postgre SQL, Firebase, MySQL.

Problem Solving: Strong analytical and problem-solving abilities.

Communication: Excellent verbal and written communication skills.

Teamwork: Ability to work effectively in a team environment.

Self-Motivation: Self-driven with a strong eagerness to learn and adapt.

Ability to exercise good judgement to help solve arising problems.

EDUCATIONAL BACKGROUND

Jomo Kenyatta University of Agriculture and Technology: **Bachelor of Business Information Technology.**
(2020 – 2023)

Relevant coursework: System Development, Information System Auditing, Networking, Object-Oriented Programming. Web Development, Algorithms and Data Structures.

Academic Projects:

E-Slip: Developed a comprehensive program in C to calculate employee payslips, considering the latest tax rates, various tax reliefs, and deductions for NSSF (National Social Security Fund) and NHIF (National Hospital Insurance Fund). GitHub-Link: <https://github.com/simonmwangi/joy-kills>

Campus-Connect: Developed "Campus-Connect," a social networking application designed for JKUAT students. The app serves as a platform for students to interact, share information, and stay updated on university news and events. GitHub-Link: <https://github.com/simonmwangi/Campus-Connect-App>

WORK EXPERIENCE

Freelance Software Developer (11/04/2023 – To Date)

Currently working as a freelance software developer, taking on various projects for clients.

Responsibilities:

- Independently collaborate with clients to develop customized software solutions, ensuring adherence to project specifications and deadlines.
- Design, code, and debug software applications using Java and Python resulting in efficient and error-free software solutions.
- Actively engage with clients to gather requirements, provide project updates, and incorporate feedback to guarantee client satisfaction and project success.

Recent project:

Kabuthu-Photography: Developed a website for a client who is a photographer/ video editor.

Link: <https://kabuthu.unicodeonesolutions.com/>

KKFCG – Developed a website for an NGO aimed at conserving the Kaya Kinondo Forest.

Link: <http://kayakinondo.com/>

Information Technology Intern (12/09/2022 – 17/12/2022)

SEACOM Kenya LTD

Responsibilities:

- Collaborated with the IT and INOC teams to perform routine network upgrades and optimizations, enhancing network performance and reliability.
- Gained experience in configuring and managing VLANs and subnets to streamline network traffic and improve segmentation.
- Assisted in managing and maintaining the company's network infrastructure, including routers, switches, and firewalls, ensuring uninterrupted connectivity and data security.
- Conducted on-site visits to client workplaces to assess networking needs, provided recommendations, and executed router configurations to enhance connectivity and data flow.

Relevant Project: Developed "PythonExcel" using Python, which automated data recording in Excel sheets, streamlining data entry processes and reducing the likelihood of errors.

GitHub-Link: <https://github.com/simonmwangi/PythonExcel/tree/master>

INTERESTS AND HOBBIES

Reading fictional books, coding and developing games.

REFEREES

Please feel free to contact the persons mentioned below in regard to my competence for the job at hand:

1. Name: Nicholas Mwangi
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Make Believe Farms
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