

STEPHEN OMUSULA
Software Developer
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CAREER PROFILE SUMMARY

Motivated Computer Scientist with expertise in IT Programming, Database Development, and Software Engineering. Proven ability to collaborate in team environments, demonstrated through leadership roles as a Scrum Master in bootcamps and hackathons. Strong background in software quality assurance, where I applied rigorous testing methodologies to enhance software functionality. Eager to continuously develop my skills while contributing to your organization with a results-driven, innovative, and resourceful approach. My goal is to drive technological advancements and deliver impactful solutions in a dynamic environment

KEY SKILLS AND COMPETENCIES ACQUIRED

- **Software Development:** Well-versed in the software development lifecycle (SDLC), with a strong foundation in requirements analysis, design, coding, testing, and deployment. Experienced in collaborating with cross-functional teams to deliver high-quality software solutions that meet client needs and project requirements.
- **Programming Languages:** Proficient in a variety of programming languages, including Python, Java, and JavaScript. Experienced in developing robust and efficient code for a range of applications, with a focus on readability. Skilled in debugging and troubleshooting to identify and resolve issues efficiently. Experienced in designing, implementing, and managing databases using SQL and NoSQL technologies.
- **Machine Learning:** Knowledgeable in machine learning concepts and algorithms, with hands-on experience in developing and deploying machine learning models.
- **Team Leadership:** Demonstrated leadership skills as a Scrum Master, able to facilitate team collaboration and drive project success. Experienced in leading cross-functional teams in agile environments, ensuring project milestones are met and delivering high-quality products on time.
- **Quality Assurance:** Experienced in ensuring software quality through comprehensive testing and debugging. Skilled in test planning, test case design, and test execution to identify and resolve defects early in the development process. Strong attention to detail and a commitment to delivering high-quality software solutions.
- **Social Media Management:** Skilled in managing and engaging with social media platforms to enhance brand visibility and engagement. Experienced in creating and executing social media campaigns to reach target audiences and drive user engagement.

WORKING EXPERIENCE

Intern – Standards and

Process Department

ICT Authority Kenya, Nairobi

May 2023 – Sep 2023

Key contributions

- Conducted quality assurance testing on IT companies that deal with supply of IT components, both hardware and software, to ensure quality services are being offered to Government bodies and citizens.
- Assisted in creating test plans and test cases based on software requirements and specifications.
- Collaborated with development teams to ensure software quality and functionality met established standards.
- Participated in meetings to discuss project requirements, progress, and potential issues, contributing ideas and solutions to enhance project outcomes.

Collaborative Projects

Kabarak University:

Jan 2023 – March 2024

Key contributions

- Collaborated with peers in hackathons and bootcamps to develop websites and machine learning projects, demonstrating strong teamwork and collaboration skills.
- Served as Scrum Master in hackathons, leading teams to successfully complete projects and achieve competition goals.
- Applied software development principles and methodologies to deliver high-quality projects within tight deadlines.
- Communicated effectively with team members to ensure project requirements were understood and met, facilitating a smooth development process.
- Successfully presented project proposals, progress updates, and final deliverables to stakeholders, including peers and mentors, ensuring clear communication and alignment with project goals.
- Facilitated feedback sessions to gather input and incorporate suggestions into project development, ensuring stakeholder satisfaction and project success.
- Demonstrated strong presentation skills in effectively conveying project concepts, methodologies, and outcomes to diverse audiences.

EDUCATION BACKGROUND

- September 2020 to December 2024: Kabarak University (Bachelor of Science in Computer Science)
- 2016 – 2019: The Corner Brook School, Juja (B+)
- 2013 – 2015: Moses Mudavadi Primary School, Mululu (406)

REFEREES

Simon Wachira Ruoro Lecturer, Computer Science Kabarak University, Nakuru ruorosimon@kabarak.ac.ke +254724793789	Nicholas Akalo Co-founder, Dynamicnav System Ltd Dynamicnav System Ltd nicholas@dynamicnav.com +254724848680	Brian Omwaka Client Service Officer NCBA Investment Bank brian.omwaka@ncbagroup.com +254721623638
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