

Francis Mwaura Ngigi

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Objective:

As a dedicated software developer and current student at Machakos University, I am seeking opportunities to leverage my programming skills and passion for software testing to contribute to innovative projects and gain practical experience in the field.

Education:

- Bachelor of Science in Computer Science

Machakos University, Machakos, Kenya

Expected Graduation: [Month, Year]

Relevant Coursework:

- Software Engineering
- Data Structures and Algorithms
- Database Management Systems
- Web Development
- Software Quality Assurance and Testing

Technical Skills:

- Programming Languages: Java, Python, JavaScript

- Development Tools: IntelliJ IDEA, Eclipse, Visual Studio Code, Git
- Testing Frameworks: Selenium WebDriver, JUnit, TestNG
- Operating Systems: Windows, Linux
- Database Systems: MySQL, MongoDB
- Web Technologies: HTML, CSS, React.js
- Other: Agile Methodologies, Scrum, Continuous Integration/Continuous Deployment (CI/CD)

Projects:

1. E-commerce Website

- Developed a fully functional e-commerce website using React.js for the front end and Node.js for the back end.
- Implemented user authentication, product management, and order processing features.
- Conducted thorough testing, including unit tests and integration tests, to ensure the reliability and performance of the application.

2. Bug Tracking System

- Designed and implemented a bug tracking system using Java Spring Boot framework.
- Integrated automated testing using Selenium WebDriver to streamline the testing process.
- Collaborated with a team to prioritize and resolve issues effectively, improving overall software quality.

Experience:

Software Development Intern Absa Company, Vichuga April 23

- Contributed to the development of a mobile application for managing inventory and sales.
- Worked closely with senior developers to implement new features and fix bugs.
- Participated in code reviews and testing activities to maintain code quality.

Certifications:

- Certified Scrum Master (CSM)
- ISTQB Foundation Level Certification

Additional Skills and Interests:

- Strong problem-solving and analytical skills
- Excellent communication and teamwork abilities
- Keen interest in learning new technologies and methodologies
- Enthusiastic about contributing to open-source projects

References:

Available upon request