SUSAN WANJIRU NJERI

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Objective

A highly motivated and detail-oriented computer science student at The Cooperative University of Kenya, Karen, at the I-TVET, seeking an industrial attachment to apply and enhance my skills in software development, computer networking, and IT support. Eager to contribute to a dynamic organization while gaining practical experience and building a solid foundation for a successful career in the tech industry. I am confident that I can efficiently contribute authority's mission of ensuring industry compliance.

Education

Diploma in Computer Science,

The Cooperative University of Kenya, Karen.

I-TVET Institution

September 2023 – December 2025(Expected Graduation date)

Kenya Certificate of Secondary Education,

Kahuhia Girls' High School.

January 2019 – December 2022.

Attained a Pass mark.

Languages:

 English and Kiswahili.

Key Modules:

Programming Fundamentals (C, Python, Java)

Database Management (SQL, MySQL)

Web Development (HTML, CSS, JavaScript)

Networking Essentials (Cisco Packet Tracer)

Operating Systems and IT Support

Information System (Vb.Net)

Projects and Practical:

1. Website Development for Tourism in Kenya

Designed and developed a dynamic portfolio website using HTML, CSS, and JavaScript to showcase my skills and qualifications.

2. Database Management System

Performed multiple SQL tasks using XAMP.

3. Network Setup for Computer Lab

Assisted in configuring routers, switches, and setting up a LAN for a campus computer lab, improving network speed and connectivity.

4. Operating System Practical Assessment

Performed Windows installation and assessed by KNEC official.

5. Fundamentals of Programming Assessment

Performed Java code using NetBeans IDE and assessed by KNEC official.

6. Computer Architecture Assessment

Did physical disassembling and assembling of computer components and assessed by KNEC official.

Further Practical:

Build multiple information systems using Vb.Net.

Perform Python operations using Visual Studio Code and Google Colab.

Skills:

Programming Languages: C, Java, Python, HTML, CSS, JavaScript.

Database Management: SQL, MySQL.

Web Development: Frontend development with HTML, CSS, and JavaScript.

Networking: Cisco Packet Tracer, TCP/IP, LAN setup, routing, and network configuration.

IT Support: Hardware and software troubleshooting, system installations, network maintenance.

Version Control: Git, GitHub.

Good communication.

Referees:

Mr. Maurice Odambatafwa,

Lecturer at the Cooperative University of Kenya,

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Nairobi, Kenya.

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Mr. Brian Obunga,

Lecturer at the Cooperative University of Kenya,

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Nairobi, Kenya.

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