KATANA STEPHEN NGONYO
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CURRICULUM VITAE

PROFESSIONAL SUMMARY

A highly motivated Computer Science graduand with a strong background in IT support, AI, Web Development & Design, Graphic Design and Programming. Skilled in computer troubleshooting, system administration, and implementing technology solutions to improve efficiency. Experienced in both Computer and ICT environments, with hands-on training at KEMRI IT department. Passionate about leveraging technology to drive innovation and enhance user experiences. A quick learner with excellent problem-solving skills, eager to contribute technical expertise and adaptability in a dynamic work environment.

PERSONAL DETAILS:

NAME	KATANA STEPHEN NGONYO
NATIONALITY	KENYAN
DATE OF BIRTH	15/03/2002
PLACE OF BIRTH	KILIFI
RELIGION	CHRISTIANITY
MARITAL STATUS	SINGLE
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ADDRESS	KILIFI 964 – 80108

EDUCATION BACKGROUND:

PERIOD	INSTITUTE	COURSE PURSUED	QUALIFICATIONS
2021 – 2025	KARATINA UNIVERSITY	BACHELOR OF SCIENCE IN COMPUTER SCIENCE	AWAITING GRADUATION
2017 – 2020	A.C.K CANNON MWERI MEMORIAL SECONDARY SCHOOL	K.C.S.E CERTIFIED	B PLAIN {62POINTS}
2005 – 2016	HAYWARDS HAPPY HOUSE PRIMARY SCHOOL	K.C.P.E CERTIFIED	B PLAIN {349 OUT OF 500MARKS}

SKILLS:

Technical Skills
1. **Programming Languages:**
Proficient in C, C++, Python, and JavaScript for software development, automation, and problem-solving.
2. **Database Management:**
Skilled in designing, managing, and querying databases using SQL and NoSQL technologies.
3. **Web Development:**
Experience in front-end and back-end development, including HTML, CSS, JavaScript, and frameworks such as React or Django.
4. **Artificial Intelligence:**
 Knowledge of AI concepts, including machine learning, deep learning, and data analysis using Python libraries like TensorFlow and scikit-learn.
5. **Hardware Systems Operation:**
Understanding of computer hardware, troubleshooting, and system maintenance for efficient IT support.

Soft Skills
1. **Teamwork:** Ability to collaborate effectively in team-based projects and work environments.
2. **Problem-Solving:** Strong analytical skills for diagnosing and resolving technical issues.
3. **Communication:** Effective in explaining technical concepts to non-technical users and documenting processes clearly.

RESPONSIBILITIES:

- ➢ **Programming & Software Development:** Write, test, and debug code in C, C++, Python, and JavaScript to develop functional applications.
- ➢ **Database Management:** Design, manage, and optimize databases to store and retrieve data efficiently.
- ➢ **Web Development:** Develop and maintain user-friendly websites and web applications using front-end and back-end technologies.
- ➢ **Artificial Intelligence & Data Analysis:** Implement machine learning models, analyze data, and automate tasks using AI tools.
- ➢ **IT Support & Troubleshooting:** Diagnose and resolve hardware and software issues to ensure smooth system operations.
- ➢ **System Maintenance & Security:** Maintain hardware systems, perform software updates, and implement security measures to protect data.
- ➢ **Technical Documentation:** Prepare clear reports, manuals, and guides to document IT solutions and processes.
- ➢ **Collaboration & Communication:** Work effectively with teams, explain technical solutions to non-technical users, and provide user training when needed.

WORK EXPERINCE

1.Attachment Experience
Kenya Medical Research Institute (KEMRI) – IT Department
May – August 2024
Responsibilities, Experience Gained & Duties performed:

- ➢ **IT Support & Troubleshooting:** Provided technical support by diagnosing and resolving hardware, software, and network issues.
- ➢ **System Maintenance:** Assisted in maintaining and updating computer systems, ensuring smooth operations across departments.
- ➢ **Networking:** Gained hands-on experience in setting up, configuring, and troubleshooting LAN and Wi-Fi networks.
- ➢ **Database Management:** Assisted in managing and updating databases, ensuring data integrity and security.
- ➢ **Software Installation & Configuration:** Installed and configured various software applications to meet organizational needs.
- ➢ **Cybersecurity Awareness:** Learned about IT security best practices, including data protection and system vulnerability assessments.
- ➢ **Technical Documentation:** Documented IT processes, troubleshooting steps, and system configurations for future reference.
- ➢ **Collaboration & Communication:** Worked closely with IT professionals, gaining teamwork and problem-solving skills in a real-world environment.

LIKES, SPORTS & HOBBIES:

- Playing and Watching Football
- Listening to Music

REFEREES:

Referee 1

DR. VANCY KEBUT
H.O.D
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Referee 2

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Referee 3

MR. SAMUEL SIFUNA
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