Darius Mwaliko Mwatabu

Personal Information

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Nationality: Kenyan

Digital Presence:

 LinkedIn:< https://www.linkedin.com/in/darius-mwatabu-438866199/ >
GitHub: <https://github.com/mwaliko >

Education Background

September 2020 until now: Dedan Kimathi University of Technology,

Pursuing Bachelor of Science in Information Technology.

2002-2005: High School, Kenya Certificate of Secondary School (KCSE) with a

mean grade of B.

1994-2001: Kungu Primary School, Kenya Certificate of Primary School (KCPE)

with a Total mark of 351.

WORK EXPERIENCE

May to July 2020: Kenya Wildlife Service Aberdare Nyeri

During my attachment at KWS Aberdare within Nyeri count from May to July 2020, I had the opportunity to gain valuable skills and practical experience in the field of IT. Some of the skills I acquired during this period include:

1.   Technical Support: I gained hands-on experience in providing technical support to end users, troubleshooting hardware and software issues, and resolving IT-related problems efficiently.

2.   Network Administration: I learned about basic network configurations, including setting up and maintaining network devices such as routers and switches. This included understanding IP addressing, subnetting, and basic network security principles.

3.   Software Installation and Maintenance: I acquired skills in installing, configuring, and updating various software applications. This involved understanding compatibility issues, license management, and ensuring that all software programs were up to date.

4.   Data Management: I gained practical knowledge in organizing, storing, and retrieving data efficiently. This included learning about database management systems and data backup procedures.

5.   Collaboration Tools: I became proficient in using collaboration tools such as email, calendars, and online meeting platforms for effective communication and collaboration within the organization.

6.   Security Awareness: I gained awareness of IT security practices, including the importance of data encryption, password management, and recognizing potential security threats such as phishing attacks.

7.   Documentation: I learned the importance of maintaining accurate and detailed documentation for IT systems, including creating user manuals and technical guides.

8.   Problem-Solving: I honed my problem-solving skills by addressing IT issues in real time, identifying root causes, and implementing effective solutions to minimize downtime and enhance productivity.

9.   Customer Service: I developed strong customer service skills by interacting with end users, understanding their IT concerns, and providing timely and satisfactory solutions to ensure their satisfaction.

10.   Time Management: I learned to prioritize tasks, manage my time efficiently, and handle multiple IT-related responsibilities simultaneously, ensuring that deadlines were met promptly.

These skills not only enhanced my technical abilities but also provided me with a comprehensive understanding of IT operations in a real-world organizational setting.

SKILLS Soft skills

- Communication: the ability to convey information and ideas effectively through speaking, writing, and listening.
- Leadership: the ability to guide and motivate others towards a common goal.
- Teamwork: the ability to work collaboratively with others towards a shared goal.
- Adaptability: the ability to adjust to changing circumstances and environments.
- Problem-solving: the ability to identify and resolve problems effectively and efficiently.
- Creativity: the ability to think outside the box and generate new and innovative ideas.
- Time management: the ability to prioritize tasks and manage time effectively.

Hard skills

- Programming and coding: proficiency in programming languages like Java, Python, JavaScript, or C++ is essential for software development, web development, and data science.
- Cybersecurity: expertise in protecting computer systems and networks from unauthorized access, theft, or damage.
- Database management: proficiency in database systems like SQL, including designing, managing, and optimizing databases.
- Data analysis: the ability to collect, organize, and analyze large sets of data to derive insights and make informed decisions.
- Network administration: knowledge of computer networks, including configuring, maintaining, and troubleshooting network infrastructure.

Certifications

- Kenya Certificate of Secondary Education
- Kenya Certificate of Primary Education
- NDG Linux Essentials course in the Cisco Networking Academy.
- The Jitu Ltd certificate for the training program.

Projects

- Portfolio project using HTML, CSS, and JavaScript(on GitHub account)
- Document Integrity System – 4th year project.(on GitHub account)
  https://github.com/mwaliko

Profile Summary

Web development, programming in languages listed above, Cybersecurity, Git and GitHub, Database management, and some of my professionalism. I also possess good soft skills as listed above.

Referees

1. Michael Muchiri
   Dedan Kimathi University of Technology

   Tel: 0773259633

2. Benson Korir

   Dedan Kimathi University of Technology

   Tel: 0799121992

WASIFU WA KAZI

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GitHub: https://github.com/mwaliko

Elimu

Septemba 2020 hadi sasa: Chuo Kikuu cha Teknolojia cha Dedan Kimathi,

Ninafuatilia Shahada ya Sayansi ya Habari.

2002-2005: Shule ya Upili, Cheti cha Shule ya Sekondari ya Kenya (KCSE) na alama ya wastani ya B.

1994-2001: Shule ya Msingi ya Kungu, Cheti cha Shule ya Msingi ya Kenya (KCPE) na alama jumla ya 351.

Uzoefu wa Kazi

Mei hadi Julai 2020: Huduma ya Wanyama Pori ya Kenya Aberdare Nyeri

Wakati wa mafunzo yangu kwenye KWS Aberdare katika Kaunti ya Nyeri kutoka Mei hadi Julai 2020, nilipata fursa ya kupata stadi muhimu na uzoefu wa vitendo katika uga wa Teknolojia ya Habari. Baadhi ya stadi nilizopata wakati huu ni pamoja na:

Msaada wa Kiufundi: Nilipata uzoefu wa moja kwa moja katika kutoa msaada wa kiufundi kwa watumiaji wa mwisho, kutatua matatizo ya vifaa na programu, na kusuluhisha matatizo yanayohusiana na IT kwa ufanisi.

Utawala wa Mtandao: Nilijifunza kuhusu mipangilio ya msingi ya mtandao, ikiwa ni pamoja na kuweka na kudumisha vifaa vya mtandao kama vile rutuba na swichi. Hii ilijumuisha kuelewa anwani za IP, subnetting, na kanuni za msingi za usalama wa mtandao.

Usakinishaji na Matengenezo ya Programu: Nilipata ujuzi wa kusakinisha, kusanidi, na kusasisha programu mbalimbali. Hii ilijumuisha kuelewa masuala ya utangamano, usimamizi wa leseni, na kuhakikisha kuwa programu zote zilikuwa hadi sasa.

Usimamizi wa Data: Nilipata maarifa ya vitendo katika kuandaa, kuhifadhi, na kufufua data kwa ufanisi. Hii ilijumuisha kujifunza kuhusu mifumo ya usimamizi wa database na taratibu za kuhifadhi data.

Vyombo vya Ushirikiano: Nilikuwa mahiri katika kutumia zana za ushirikiano kama vile barua pepe, kalenda, na majukwaa ya mikutano ya mtandaoni kwa mawasiliano na ushirikiano wa kazi ndani ya shirika.

Uhamasishaji wa Usalama: Nilipata ufahamu wa mazoea ya usalama wa IT, ikiwa ni pamoja na umuhimu wa kuchapisha data, usimamizi wa nywila, na kutambua vitisho vya usalama kama vile mashambulizi ya kuvuta.

Nyaraka: Nilijifunza umuhimu wa kudumisha nyaraka sahihi na za kina kwa mifumo ya IT, ikiwa ni pamoja na kuunda mwongozo wa mtumiaji na miongozo ya kiufundi.

Kutatua Matatizo: Niliboresha stadi zangu za kutatua matatizo kwa kushughulikia masuala ya IT kwa wakati halisi, kutambua chanzo cha matatizo, na kutekeleza suluhisho za ufanisi kupunguza muda wa kutofanya kazi na kuongeza ufanisi.

Huduma kwa Wateja: Nilijenga stadi imara za huduma kwa wateja kwa kuwasiliana na watumiaji wa mwisho, kuelewa wasiwasi wao wa IT, na kutoa suluhisho kwa wakati na kuridhisha ili kuhakikisha kuridhika kwao.

Usimamizi wa Wakati: Niliweza kupanga kazi, kusimamia muda wangu kwa ufanisi, na kushughulikia majukumu mengi ya IT kwa wakati mmoja, kuhakikisha kuwa muda wa mwisho ulifikiwa kwa wakati.

Stadi za Kufanya Kazi

Stadi Tulivu:

• Mawasiliano: uwezo wa kufikisha habari na mawazo kwa ufanisi kupitia kuzungumza, kuandika, na kusikiliza.

• Uongozi: uwezo wa kuongoza na kuhamasisha wengine kuelekea lengo moja.

• Kufanya Kazi kwa Timu: uwezo wa kufanya kazi kwa ushirikiano na wengine kuelekea lengo la pamoja.

• Kubadilika: uwezo wa kuzoea mazingira na hali zinazobadilika.

• Kutatua Matatizo: uwezo wa kutambua na kusuluhisha matatizo kwa ufanisi na ufanisi.

• Ubunifu: uwezo wa kufikiri nje ya sanduku na kuzalisha mawazo mapya na ya ubunifu.

• Usimamizi wa Muda: uwezo wa kupanga kazi na kusimamia muda kwa ufanisi.

Stadi Ngumu:

• Uandishi wa Kanuni na Kubuni: ufanisi katika lugha za programu kama vile Java, Python, JavaScript, au C++ ni muhimu kwa maendeleo ya programu, maendeleo ya wavuti, na sayansi ya data.

• Usalama wa Mtandao: utaalam katika kulinda mifumo ya kompyuta na mtandao kutoka kwa ufikiaji usiohalali, wizi, au uharibifu.

• Usimamizi wa Database: ufanisi katika mifumo ya database kama SQL, ikiwa ni pamoja na kubuni, usimamizi, na optimization ya mifumo ya database.

• Uchambuzi wa Data: uwezo wa kukusanya, kuandaa, na kuchambua seti kubwa za data ili kupata ufahamu na kufanya maamuzi sahihi.

• Utawala wa Mtandao: maarifa ya mitandao ya kompyuta, ikiwa ni pamoja na kusanidi, kudumisha, na kutatua matatizo ya miundombinu ya mtandao.

Vyeti

• Cheti cha Elimu ya Sekondari ya Kenya

• Cheti cha Elimu ya Msingi ya Kenya

• Kozi ya NDG Linux Essentials katika Chuo cha Cisco Networking Academy.

• Cheti cha Jitu Ltd kwa programu ya mafunzo.

Miradi

• Mradi wa Portfolio ukitumia HTML, CSS, na JavaScript (kwenye akaunti ya GitHub)

• Mfumo wa Uadilifu wa Nyaraka - Mradi wa mwaka wa nne. (kwenye akaunti ya GitHub)

https://github.com/mwaliko

Muhtasari wa Wasifu

Maendeleo ya wavuti, programu kwa kutumia lugha zilizoorodheshwa hapo juu, Usalama wa Mtandao, Git na GitHub, Usimamizi wa Database, na baadhi ya weledi wangu. Pia nina stadi nzuri za utulivu kama ilivyoorodheshwa hapo juu.

Waamuzi

Michael Muchiri

Chuo Kikuu cha Teknolojia cha Dedan Kimathi

Simu: 0773259633

Benson Korir

Chuo Kikuu cha Teknolojia cha Dedan Kimathi

Simu: 0799121992

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GitHub: <https://github.com/mwaliko >

Empurrua Inkaasho

Olpu Olabaan Oribata 2020 eno olsekan: Olkirimet Keek Kimathi,

Eliu Enginaasho Olengeshtukei emanyat Laarepu Engore Taarifa.

2002-2005: Oloilooshu Enginaasho, Shule Enginaasho Ole Kenya (KCSE) Olosowan olbosi.

1994-2001: Oloilooshu Engiboret, Shule Engiboret Ole Kenya (KCPE) Olokiro Lompu 351.

Empurrua Etelekata

Mei kisekito Julai 2020: Ole Elerai Oloono Nyeri

Enginyaanaoki enye olokutii KWS Aberdare entito Nyeri kati Meii kisekito Julai 2020, ole onyasho Olnamunyi enkila enyandu enkirotimi engore TEHAMA. Emorinyi esaa ekatasho engore emanyat enkirotimi enyandu eisukuroi etung'uta olpisiai enye, ekuremo ekisut emoruanyetani enkirotimi, olo ekuremo ekisut enkishutalai etaruruanyetani enkirotimi enyandu etikatasho.

Moruanyetani Neelingat

Oltikintei Empurrua: Enginyaanaaoki olmorian eipunyaan emanyat empurrua enye, ekuremo ekisut enkishutalai etaruruanyetani enkirotimi, olo ekuremo ekisut emoruanyetani enkikorikatasho etikatasho.

Ekiremok enyo olorin: Engerekaay ole olorin olokunai, enyoto eleyaak olokunai emanyat empurrua etaruruanyetani enkirotimi, olo enkaitoyee emparum enkarong'ot

ole eiyaanis olorin etikatasho. Etiyoyii enkilelesu, ilmarnak inyamot, olo enyoto ilmarnak enkitut engyondoo empurrua enkarong'ot.

Ekiremok olpop enyo oloitotit: Enginyaanaoki olmorian eipunyaan emanyat empurrua enyoyee, ekuremo ekisut enkishutalai etaruruanyetani enkirotimi, olo ekuremo ekisut emoruanyetani enkikorikatasho etikatasho.

Ekiremok olouang enyo: Enginyaanaoki ilmarnak eirimo emanyat empurrua enyoyee, ekuremo ekisut enkishutalai etaruruanyetani enkirotimi, olo ekuremo ekisut emoruanyetani enkikorikatasho etikatasho.

Emboimut olosukarai: Engerekaay ole olbosi, inyoto inenai, olo olosipon olo oloenye oloitotit empurrua enkitut enkarong'ot.

Nkoita eiseito: Ensooki enkamat enetiyi, ilmarnak eneene etikatasho, olo enyoto nkoita eiseito etikatasho.

Eseeng'olit olunene enyo: Enginyaanaoki ilmarnak eirimo emanyat empurrua enyandu, ekuremo ekisut enkishutalai etaruruanyetani enkirotimi, olo ekuremo ekisut emoruanyetani enkikorikatasho etikatasho.

Ekitaan emoruanyetani: Enginyaanaoki eityiokatil enkiloisho emoruanyetani, engyondoo ekorini eiyaa, olo ekuremo eisukuroi empurrua enyandu enkirotimi enye etikatasho.

Emboimut eneene: Enginyaanaoki ilmarnak enkisut eipunyaan enyoto enyotoki, ekuremo ekisut enkishutalai etaruruanyetani enkirotimi, olo ekuremo ekisut emoruanyetani enkikorikatasho etikatasho.

Ilaitit olerai: Enginyaanaoki ilmarnak enyoto eileles emparum enkitut enkisut enkikorikatasho enyo, eityiokatil enkisut empurrua enkikorikatasho enye etikatasho, olo enyoto ilaitit olerai emparum enkitut etikatasho.

Moruanyetani enkitut etaitai aa eshitonyi olpisiai emorinyi, ilmorinyi enkitut emanyat empurrua eturuni engore. Enkaasishik emukil olonyoyee.

Emorinyi Arok

• Enguyaara na Engishoyie: Engimalaan enaitu enyonto enyianu, enetiyi, olo engoye enyianu.

• Oleng'enkoieti: Engiyootolek engamorua olo engiyootolek engiyooto engisholmo.

• Isuria na Engaaya: Engeshoniil ole isuria enkitai olo engiya olo enemoye ilo oleturuua, engakarika, enginayara enkitai olo empap.

• Empurrua Olashiek Enkitit: Engasirua ensooki, enyeri emurua, olo eneboiro ekisut emoruanyetani enkitit etikatasho.

• Oleng'irikiria olo osukutaan: Engerekaay ole enyorop olo osukutaan, inyoto inenai, olo enkishutalai ekataan olkirin enyo olo eneene, enkitit emoruanyetani enkitit etikatasho.

Iltoitooni

• Ilba Olkinayon Oloitotit Enginaasho Ole Kenya

• Ilba Olkirin Oloitotit Engiboret Enginaasho Ole Kenya

• Kooshin Ole NDG Linux Essentials Leshata Engaiyanaa Cisco Networking Academy.

• Ilba Kooshin Enaikio ne Jitu Ltd Engabiro Enkitit Enginyaanaa.

Meikio

• Oleng'olit Engupen enginaasho engiroi HTML, CSS, olo JavaScript (engolotoni GitHub)

• Olkaloish Olkuro Lompi – Engonyoki engkabiro engoind enyo (engolotoni GitHub)

https://github.com/mwaliko

Elikatemp Engupen

Ujenzi wa Wavuti, ujenzi wa programu katika lugha zilizotajwa hapo juu, Usalama wa mtandao, Git na GitHub, Usimamizi wa Database, na baadhi ya weledi wangu. Pia nina ujuzi mzuri wa kibinafsi kama ilivyoorodheshwa hapo juu.

Esiyiano Esinjataai

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