

Rahab Gakundi Majira

Kenya, Nairobi

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OBJECTIVE

Detail-oriented IT undergraduate seeking an attachment position to leverage technical skills, problem-solving abilities, and enthusiasm for technology. Eager to contribute to a dynamic team and gain practical experience in the IT industry.

EDUCATION

Bachelor of Science in Business Information Technology

DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY

Expected Graduation Month, Year is 2024, December

- Relevant Coursework: Programming, Database Management, Networking, Web Development, Cybersecurity

Technical Skills:

- Programming Languages: Java, Python, C++, C
- Web Technologies: HTML, CSS, JavaScript
- Databases: SQL, MySQL
- Operating Systems: Windows, Linux
- Tools: Git, Visual Studio Code, Eclipse, IntelliJ IDEA
- Networking: TCP/IP, LAN/WAN, DNS, VPN

Projects:

Inventory Management System

11th, April, 2023

- Created a database-driven inventory management system using MySQL and Java.
- Designed an intuitive user interface for adding, updating, and deleting inventory items.
- Implemented data validation and error handling for a seamless user experience.

Library Application

27th, September, 2023 – 6th December, 2023

- Created a simple library app using Java and Firebase as the backend database.
- Integrated Firebase Authentication allows users to create accounts, log in securely, and manage their profiles.
- Implemented real-time database features of Firebase to store and retrieve library inventory, user data, and circulation information.
- Developed administrative functionalities for librarians to manage inventory, user accounts, and circulation activities.
- Conducted thorough testing and debugging to ensure the app's reliability, performance, and compatibility across different devices.

Sign Language Recognition System

Currently my final-year project (On-going)

Extracurricular Activities:

- Member, University IT Club
- Participated in workshops and IT-related events.
- Collaborated with peers on tech projects, fostering teamwork and problem-solving skills.
- Demonstrated problem-solving techniques and IT concepts to diverse audiences.

Certifications:

- Certified Cyber Security Professional
- Certified Python Expert - In Progress

- Expected Completion Date: April,2025

Skills and Abilities:

- Strong analytical and problem-solving skills.
- Excellent communication and teamwork abilities.
- Eagerness to learn and adapt to new technologies.
- Attention to detail and commitment to delivering high-quality work.
- Ability to work independently and in a team-oriented environment.

KATIKA LUGHA YA KISWAHILI

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LENGO

Mwanafunzi wa shahada ya kwanza ya IT mwenye umakini katika maelezo, anayetafuta nafasi ya mafunzo ili kutumia ujuzi wa kiteknolojia, uwezo wa kutatua matatizo, na hamu ya teknolojia. Niko tayari kuchangia katika timu yenye nguvu na kupata uzoefu wa vitendo katika sekta ya IT.

ELIMU

Shahada ya Sayansi katika Teknolojia ya Habari za Biashara

CHUO KIKUU CHA TEKNOLOJIA CHA DEDAN KIMATHI

Tarehe ya Kutarajiwa Kumaliza: Desemba, 2024

Masomo Muhimu: Uprogramu, Usimamizi wa Hifadhidata, Mtandao, Maendeleo ya Wavuti, Usalama wa Mtandao

Ujuzi wa Kiteknolojia:

Lugha za Uprogramu: Java, Python, C++, C

Teknolojia za Wavuti: HTML, CSS, JavaScript

Hifadhidata: SQL, MySQL

Mfumo wa Uendeshaji: Windows, Linux

Zana: Git, Visual Studio Code, Eclipse, IntelliJ IDEA

Mtandao: TCP/IP, LAN/WAN, DNS, VPN

Miradi:

Mfumo wa Usimamizi wa Hifadhi Katika maduka makuu yaliyoko nchini:

11, Aprili, 2023

Nilianzisha mfumo wa usimamizi wa hifadhi unaotumia hifadhidata ya MySQL na Java.

Nilibuni kiolesura cha mtumiaji kinachorahisisha kuongeza, kusasisha, na kufuta vitu vya hifadhi.

Nilitekeleza uthibitishaji wa data na kushughulikia makosa kwa ajili ya uzoefu mzuri wa mtumiaji.

Programu ya Maktaba:

27, Septemba, 2023 – 6, Desemba, 2023

Nilianzisha programu rahisi ya maktaba kwa kutumia Java na Firebase kama hifadhidata ya nyuma.

Nilijumuisha Uthibitishaji wa Firebase ili kuruhusu watumiaji kuunda akaunti, kuingia kwa usalama, na kusimamia wasifu wao.

Nilitekeleza vipengele vya hifadhidata ya wakati halisi ya Firebase kuhifadhi na kurejesha orodha ya maktaba, data za watumiaji, na taarifa za usambazaji.

Nilianzisha kazi za kiutawala kwa wasimamizi wa maktaba kusimamia orodha, akaunti za watumiaji, na shughuli za usambazaji.

Nilifanya majaribio na kusahihisha makosa ili kuhakikisha uaminifu, utendaji, na uoanifu wa programu katika vifaa mbalimbali.

Mfumo wa Utambuzi wa Lugha ya Alama:

Kwa sasa ni mradi wangu wa mwisho wa mwaka (Unaoendelea)

Shughuli za Nje ya Darasa:

Mwanachama, Klabu ya IT ya Chuo Kikuu

Nilishiriki katika warsha na matukio yanayohusiana na IT.

Nilishirikiana na wenzangu katika miradi ya teknolojia, kukuza ushirikiano na ujuzi wa kutatua matatizo.

Nilionyesha mbinu za kutatua matatizo na dhana za IT kwa hadhira tofauti.

Vyeti:

Mtaalamu Aliyeidhinishwa wa Usalama wa Mtandao

Mtaalamu wa Python Aliyeidhinishwa - Katika Hatua ya Kukamilisha

Tarehe ya Kutarajiwa Kukamilisha: Aprili, 2025

Ujuzi na Uwezo:

Ujuzi wa nguvu wa uchambuzi na kutatua matatizo.

Uwezo bora wa mawasiliano na ushirikiano.

Hamasa ya kujifunza na kuzoea teknolojia mpya.

Umakini katika maelezo na kujitolea kutoa kazi ya hali ya juu.

Uwezo wa kufanya kazi kwa kujitegemea na katika mazingira ya timu.

GWA KIMERU

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Gitumi(lengo)

Muritwa wa ndigiri ya mberer ya ujusi bwa (IT) It's aroma ujusi kiri mathoma. Gutumira tekenorogi. Aguceria kaanya la mathoma kenda utumira mbari ya tekenorogi.

Mathoma:(Education)

Ndigiri ya sayansi kiri tekenorogi ya mantis ma biasara na tekenorogi ya dedan kimathi.

Taraki cia kuthiria Sukuru Disemba 2024

Mathoma mara mari na mama:

Programming, Database management, networking, web development, cyber security.

Ujusi (technical skills)

Programming language java, python

Project (mibango)

Munkuga ya Kurekaita Rikiria

11th, Mweri wa Kenda, 2023

- Ndekirie nteu ya kurekaita rikiria ikiumbika na database ya MySQL na Java.
- Ntereire wendo wa mundu umwe atiire kuingithia, gucaria, na kuga mawango ma rikiria.
- Nkumie data validation na error handling kuuma mutaara uungi wa wendo wa mundu umwe.

Munkuga ya Thaabanio ya Mabuku

27th, Mweri wa Kenda, 2023 – 6th, Mweri wa Ikumi na Imwe, 2023

- Ndekirie thaabanio ya mabuku ya akina itari ya Java na Firebase kwita database ya backend.
- Nteire Firebase Authentication ya kutuma akina kuumba akaunti, kuingia na kuthitha wioka, na kuthitha profiles ciawu.
- Nkumie undu wa real-time database wa Firebase kuthitha na gukaira inventory ya mabuku, data ya akina, na undu wa circulation.
- Ntereire mutaara wa administrative wa athomi kuthitha inventory, akaunti cia akina, na circulation activities.
- Nkungite kuthitha testing na debugging kuuma munkuga yu ni reliable, performane yake iri ya kugaragu, na ithondeka na njira cionthe.

Munkuga ya Gukwatania Mwimbi wa Micii

Nkurutha mubango ya mwisho

Mituri ya Kithomo-Inyene:

- Muntu, University IT Club
 - Nkumanirie workshop na ithimo cia IT-related.
 - Nkumanirie na akina mathomo ma technology, kutuma teamwork na problem-solving skills.
 - Nkumanirie problem-solving techniques na IT concepts kuuma audiences cia muingi.

Mitangithanio:

- Certified Cyber Security Professional
- Certified Python Expert - In Progress
- Expected Completion Date: Mweri wa Kenda, 2025

Micii na Mbai:

- Kwangagwatia muno na kucokera kithomo-inyene.
- Kwandika kuuma na teamwork abilities iri ya kugaragu.
- Kugwata undu wa kuthithia na kuumba technology cia thiini.
- Kwangagwatia na muromo mweru na thithu ya gukwatania miungi ya mikomango.
- Kugwata gukwatania na kurutithia muno muno gukinya nguchunge.