

CHARLES MüEMA

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### ° ăFî£IL S •

Nairóbi Re'?ÿa

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. inked In





Passionate seftware engineer:with a Computer Science degree anÓextensive prógrarniYiińg'éxpêrieriče aEfo’ss multiple lań'ğuó'ğes in'ciu.dirig C, C , Jãva; JaúäStript, Py.thon; and ûo Lang. Adept in frońt-end technologies such as ReacÏ JS, Angular, Bootstrap, HTIvIL, CSS, ańd back-ënd frãmewórks like Djarigö and.NõdeJs. Proficiënt in GUI devèÏoprńent with Ïkińter a'nd yqt Ertthusiä'stic a'böut Al and Idáchïrïe Le'afîiing,. continuouśly expanding my kn'owtedgë in these fields. Kñown for.deİivering efficient, scalabté sotutiońs and'a stróng:commitment to staying':updäted viith the latëst:in tëchnoI'õ@ a'r\d iririov'ätio . Pro.fičient in,än ässõrtméńt of técLinöłògies,.incİuding ASP.’NET, Chi; IIS, Temcat, and Microsoft SQL Sèrver.

### EVPtOYMENTNlSTORY



JavaScnpt Databas'e Managerńerit

Programining'

**"Pythón**

Knowledgable in:UserInterfac'e/

\Jser Expeńence



Playing Piano P:Taying Guitar ReadI9gBooI‹s.

Skating

## l\*NGUÓGfS •



SwahilJ

## EłJPL0YM£IłT HISTORY

NeMark Enjjińeerżt F.astnet **Internet:Sej** vic'e **Provider, Nairobi**

klay 2023.— Feóruary 2024

* lnterpersonal Dyuamo: Recognized for my ability to estabtish and nurture productive workińg relatio'»ships across ali tieis of an organizatio'n, fostering effóctive ćollabaration.
* Networking Expertise: Mensiue implementation, installatioc,and manageme?t of ńetworks, includiog nótwork(WiF’i)in'ttallatfon, matnterianc'e,and troubleshootińg óf networking syst'erńs..
* Surveillance Systems: F'róficieot in the iastallation and mairrtenanceof'camera and CCTV systemu, enśuriń'g óptirnal functioria!ity a'nd s'ecurity,
* Designed and Implerńented virtual pr1vate ngtworkś (VPNs):to *pmv.*ide śecure rernote access to corporate resources
* Córifigured ioute/rs, świtch'es, and fifewalts to erisure urt' ac'cess and śegmentóiioń of the necworł‹
* Wróte scńpts ts automate ni°twórk mon'itóring, resultirig in'a X’!›6 reduction in mafirial effort
* ImpIemented-a wireless neMork to provide secure and:reliable wireless access to
* Mariage'd an'd'màiritained fietwork firewalls, róuters; an¢I switchi's:tó ensure maximum performance and!reiiabiIity



# LAflGUáG’fS •

Fngh



mariuai elfõft

* Itfiplernefite'd a wireiess rietwork to'prõvide se«ure”artd reiiab1ü wiieless ác'cess tb users
* Mànagéd and.mürn!ainüd rietwork firewalls, róutérs, ànd switches to ensúre maximum ptêrfor'mánce à'nd reliability
* Conducted Research on new.networking te«hnologies and tools to identlfy areas:of im'provément and stieamtine opêratioris
* Teaiti"C/ollábo?ati'on::Recognized foi foste'rlng a coIlabora'iive wôrk erivirónrnent,. facilitating know1edge.sharing, and driving consensus among team merebers to a'chi e'proje-et óbjectives.
* Cornmonication SkilTs: Dêmonstra'ted strông comrnunicatiõn skills throügfiout my entire period of-empioyreent:, enhancing proper progress updates and providing: téçhnica[ rnsights to'supeEiors a'/1d stakehólders at all le'veIs.

**Full Stack DevëÏopër'a't.6ïJniwa Creatioris, Nâiröbi**

February 2024— Present

* + Crëated a RESTfutAPl thai altowed for s'eämless intëgratiön with’other applications
  + Develöped a full-stâck wëb:a'pplicafion that ha'ndled transactiöris äñd'cancurreñt. users with minimal downtime
  + Implemented a Responsive Design that allowed the applicätion to be ased on

vârious"dé»ices with the säme user'expër!ëncë

* + Improved the application performance by 2Ôü» by optimizing the back-end code
  + Dëveloped ä real-time messaginj sy m that improved:user'e?ga'geme'nt'byBP
  + Eè'riched my 'expënisë with database rnanagëîuè'ritsystëms like MySÇtL, klorigoDBî and extensively 9ostgreSÇtL, utilized for the:creation, storage, and optimization oi”

;’databasä qüeriès fgr efficiènt data retrië'vät and iIià"rtipüIätiön.

* + Oevelöped a sëture äùtfiefiticâiiün'systern that en”suhed'user priväcy añd däta
  + Proficienl fè workirig wiÏh vë' iöri öritröl systems Iik'e Gtt for c'ölIaborätive development and efficient code management.

## ED.IJCàTIOIi



Bacfieloi gf 5ciefrcë"in Corùputër Sciänëe., Năsińde kTutiro Univërśitÿ óf'Scięnčë änd Technology., Kakamega

Seçir'em'ber 20IP - kIa\_v 2023

6räduafëd with seand class hgnors up[›er Oiyisiõn.

* + Âdvančed Coitirnand of software SuJte: Mastery oÏMitrosõß fficè Süite, including Wõrd, Excel, Accèss; àńd PöwerPoińt, with'adept utilizatioñ ofińternet resources to oğlirniże productivity..
  + Precision Data ktanagement::I?rofîcient in:data entry techniques; coupled:with . skilled dãta ànälysis abilitiëś, e?śüring’äccuräte and inšightful informatiòn haridlîng.
  + Versatile Programming Expertise: Expertise In a.diverse array of programming larigúağêś,.fróm faundaõonal sneș llke C and C-++to dyńamic 1àn'ğua'gés:like Ja'và, Python; JävaScriçit, *áh'd* PHP„enàölinğ versàtiİe söIutiön”devetoprńè'rit
  + Comprehensive ÏT Proficiency: Accomplished in computer helpdesk operaõons

. add p'röactiv'è rnãińténañce stiat'egies; delîveîlng'sèarnless.user experiences a'nd sÿstem reliaõillty.

* + Penetration Testing: Intermëdiate'exp'erience in condúcting:pënetratiön teśts to idéntify vúlîierab'ilities withiń šystôrńś äńd fietworks„employïńg.both aut'ômated toolś and rrianual téchniques tõ asseśs security posture.
  + Cloud 4rchit'ectu're'Desiğn: Expëri'en'cèd in désigrtirig èc'aiable a'nd rësilJent clöud árchitëcturës' on platfoćms such as.AW5,.èzuré, ànd Goöğlé Clóü*d,* Iëvèiagińg services like-EC2, Ë8 VPr and Azure Resource Manager to optimize performance
  + I?enetration Testing: Intermediate experience in conducting penetration tests to identify vùln'erabilIties within s tems and nefworks, em'ptôying both automâted tools and manüaî tëchriiqriés to'assess'sec!Jrity pôsture, .
  + Cloud Architecture **Design-** Experienced in deslgningscalableand. resilient cloud architectures ön plätforms sucl+ ä's AWS; Azurë; and Google Cloud, levë'i ging se'1icës iike EC2, S3, VI?C, and Azure Resôurce Marîagër to öpii'mï?e performa'rice and.cost-efficiency.

Xenya Certificate oi’Secondary Edrt'cätion, Käsikeu Bôys'High Schoôl, KasÎkeu F°.bruary 2015 - November 2018

Got my KGSE ceïtificatë with a grade B plais of 65points.

# REF£RE#C£S

Eng. Au„gustiîs'é kfwe'ndwä frorù’Côde **forëfrica**

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**Peter** îäïJlwa **frofn Fa”stPäce cöniparry**

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