RICHARD MUSYOKA

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PROFESSIONAL SUMMARY

I am a skilled software engineer with over 3 years of experience specializing in designing and delivering innovative software solutions that drive organizational efficiency and success. Adept in a diverse set of programming languages and frameworks, I have a proven track record of developing reliable, scalable, and user-friendly systems. My expertise spans database management, system integration, and complex problem-solving, enabling me to create tailored applications that align closely with business objectives. Passionate about continuous learning and improvement, I am committed to leveraging technology to enhance core company operations and deliver measurable value

SKILLS

- Programming Languages: PHP, Python, .Net, ASP.Net
- Databases: Microsoft SQL, PostgreSQL, MySQL
- Frameworks: YII2, Laravel, Django,

- Web Development: JavaScript, AJAX, jQuery, Bootstrap, CSS, LESS, HTML, HTML 5, ReactJS
- System Integration: RESTful APIs, SOAP, Curl
- API Design and Development

- Agile/Scrum Methodology
- Mobile App Development (Kotlin, Flutter)
- Flutter Mobile Development

EXPERIENCE

Senior Systems Developer   September 2021 - Current
Attain Enterprise Solutions Limited | Nairobi, Kenya

- Designed and developed web applications in YII2 Framework, .NET technologies and Microsoft SQL databases, resulting in a 30% improvement in application performance and a 20% increase in user satisfaction.
- Successfully established an integration between Microsoft Dynamics Business Central and Regulatory Information Management System. This integration seamlessly connects with Stanbic bank's payment APIs, resulting in an outstanding payment processing efficiency of 100%. Additionally, it has led to a remarkable 50% reduction in payment errors.
- Performed integration between the Uganda Revenue Authority system and Risk-Based Supervision System, ensuring 100% compliance with government policies and a 20% reduction in payment processing time.
- Implemented real-time data validation procedures, resulting in a 35% increase in data accuracy and a 25% reduction in data-related errors.
- Developed SQL triggers, SQL jobs, and stored procedures, leading to a 40% reduction in manual data entry tasks and a 30% decrease in data processing time.
- Led in systems integration with REST APIs, SOAP, and Curl, enhancing data exchange efficiency and accuracy by 35%.

RICHARD MUSYOKA | Senior Software Developer

- Led in automating electricity tariff and energy reliability computations to enhance accuracy and efficiency in pricing and resource allocation processes.

Graduate Trainee   March 2020 - September 2020
Pavel Cyber Technologies | Tala , Kenya

- Developed Point of Sale Systems that aid in financial services and stock monitoring alongside other important services and Integration with Payment Systems like MPESA
- Collaborated with senior developers to design and develop web applications, gaining hands-on experience in Mobile development and Microsoft SQL databases.
- Assisted in the creation of detailed technical documentation and user manuals for developed applications, ensuring smooth operations and user-friendly experiences.
- Participated in daily code reviews and bug-tracking sessions, contributing to the improvement of software quality and reliability.

Chief Executive Officer   January 2019 - Current
Mile Tech Software Solutions | Nairobi, Kenya

- Developed Quality Software Solutions which aid in day to day activities in hardware's, Mini Supermarkets and Pharmacies in Ruai and Tala ,Kenya.
- Played a key role in the installation and maintenance of Information Technology infrastructure, including servers and networking equipment, ensuring seamless operations.
- Assisted in enforcing security protocols and group policies on domain machines, enhancing system integrity and safeguarding against potential security threats.
- Gained practical experience in troubleshooting hardware and software issues, swiftly resolving technical problems to minimize downtime.

EDUCATION

1. Bachelor of Science (B.Sc.) – Software Engineering
   Murang'a University, Murang'a, Kenya (Honors, 2nd Class Upper Division)
   August 2018 to November 2022

2. Kenya Certificate of Secondary School Education
   St Paul's Kyaume Secondary School , Tala, Kenya
   February 2014 to November 2017

3. Kenya Certificate of Primary School Education
   Tala Boys Primary School, Tala, Kenya
   January 2005 to November 2013

LANGUAGE

English
Proficient (C2)

Swahili
Proficient (C2)

CERTIFICATIONS AND TRAINING

- Microsoft Student Learn ambassador (2021)
- Google Developer Students Club Lead (2021)
- Business Intelligence Analyst Mastery Award (July 2019)
- Dynamics 365 Fundamentals (CRM) certification (In Progress)
- Microsoft Certified: Azure Fundamentals (In Progress).

Projects Done

No	Business Type / Nature	Client Location	Features Implemented	Integration With	Technology Used
8	An autonomous body responsible for regulating establishment, management, and operation of retirement benefits schemes in both private and public sectors. (RBA Kenya)	Kenya	❖ Implemented a Microsoft Dynamics Customer Relationship Manager that will help the local user be able to access and perform certain services in regards to the Regulatory	❖ Facebook ❖ WhatsApp ❖ Twitter ❖ Wavetech QMS ❖ LinkedIn ❖ TikTok ❖ Emails	Microsoft Dynamics 365 BC, .Net (For integrations) ,PHP Yii2 for Rest APIs)
7	An autonomous body responsible for regulating establishment, management, and operation of retirement benefits schemes in both private and public sectors. (NPRA Ghana)	Ghana	❖ A Cross Platform Mobile Application for the Risk Based Supervision System that will help the local user be able to access and perform certain services in regards to the Regulatory and deployed to both Play Store and Appstore	❖ Rest APIs ❖ Flutter Web views ❖ Other third-party integrations.	Flutter PHP Yii2, Curl, Soap,
6	An autonomous body responsible for regulating establishment, management, and operation of retirement benefits schemes in both private and public sectors. (NPRA Ghana)	Ghana	❖ Risk Based Supervision System. ❖ Employee Self Service	❖ Active directory. ❖ Exchange server smtp ❖ Risk Based Supervision Portal ❖ Other third-party integrations.	PHP, Yii2 Framework, JavaScript, Bootstrap, CSS, HTML, jQuery, MSSQL
5	An autonomous body responsible for regulating establishment, management, and operation of retirement	Kenya	❖ Microsoft SharePoint Restoration	❖ Microsoft Share Point	PHP, Yii2 Framework, JavaScript, Bootstrap, CSS,

No	Business Type / Nature	Client Location	Features Implemented	Integration With	Technology Used
	benefits schemes in both private and public sectors. (CMA Kenya)				HTML, jQuery, Curl, Soap.
4	An autonomous body responsible for regulating establishment, management, and operation of retirement benefits schemes in both private and public sectors. (URBRA , Uganda)	Uganda	❖ Risk Based Supervision System.	❖ Risk Based Supervision System Modules (Licensing ,Inspections, Surveys etc.) ❖ Other third-party integrations .(URA and EDOCs)	PHP, Yii2 Framework, Curl, Soap, MSSQL
3	A state corporation that investigates cases of money laundering and terrorism financing.(KNLS Kenya)	Kenya	❖ Employee Self Service	❖ Active directory ❖ Microsoft Dynamics Business Central (BC130).	.NET (BLazor), JavaScript, Bootstrap, CSS, HTML, jQuery, Curl, Soap, MSSQL
2	A state agency that promotes Kenya's export of goods and services.	Kenya	❖ Employee Self Service ❖ Recruitment Portal ❖ Procurement Portal ❖ Customer Relation Management	❖ Active directory ❖ Microsoft dynamics Business Central (BC130).	NET (Blazor), JavaScript, Bootstrap, CSS, HTML, jQuery, Curl, Soap, MSSQL
1	A hardware store in Kenya that is responsible for selling roofing materials and building materials.(HARMONY HARDWARE RUAI ,Kenya)	Kenya	❖ Sales Point of Sale ❖ Stock Management ❖ User Management	❖ Integration with Mpesa Daraja API	PHP, JavaScript, HTML Bootstrap, CSS, HTML, jQuery, Curl, Soap, MSSQL

REFEREES

1	NAME	Robert Musau Musyoki
	ROLE	Former Chief Technology Officer
	ORGANIZATION	Attain Enterprise Solutions LTD.
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2	NAME	WESLEY NARTEY
	ROLE	Assistant Director of Information technology
	ORGANIZATION	National Pensions Authority of Ghana (NPRA Ghana)
	PHONE NO.	(+233) 24 252 0375

3	NAME	Killi Kiprono
	ROLE	Chief Technology Officer
	ORGANIZATION	Attain Enterprise Solutions LTD.
	ADDRESS	Jumuia Place Lenana Road,Kilimani, Nairobi,Kenya
	PHONE NO.	(+254) 729 457 194

4	NAME	GEORGE MUYA
	ROLE	Assistant Director of Information Technology
	ORGANIZATION	Retirement Benefits Authority of Kenya (RBA Kenya)
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