



# HARRISON MULE MUSEMBI

Software Developer / Designer



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harrisonmule@gmail.com

DATE OF BIRTH 17<sup>TH</sup> MAY 1990

NATIONALITY KENYAN

Github <https://github.com/harrymule>

GENDER MALE

LANGUAGES ENGLISH, KISWAHILI

Website <https://www.harrymule.com>

Marital status SINGLE

LinkedIn <https://www.linkedin.com/in/harrison-mule-02752950>

## CAREER OBJECTIVES

An opportunity to work in an IT based organization committed to the highest levels of professionalism and personal excellence, where exceptional interpersonal skills and a gift for solving complex problems in a fast paced environment are fully utilized.

## KEY STRENGTHS

- A highly motivated individual with a positive attitude and strong work ethic.
- Solid analytical and problem-solving skills.
- Team player and willing to learn new skills.
- Good time management, effective communicator and strong organizational abilities.
- Adaptability, flexibility and Reliability.



## EDUCATION

- 2009 - 2013 ● Catholic University of Eastern Africa (CUEA)  
Bachelor of Science in Mathematics & Computer Science.
- 2005 - 2008 ● Kangaru School  
Kenya Certificate of Secondary Education.
- 1997 - 2004 ● Unity Primary School  
Kenya Certificate of Primary Education.

## HOBBIES AND INTERESTS

Programming and Internet Technology, Documentaries, Playing rugby, Socializing, Swimming, Traveling, Reading and Camping.

## TECHNICAL PROFECIENCY

### PROGRAMMING SKILLS

90%



JavaScript, Typescript, HTML, CSS, PHP, SQL, Bootstrap, AngularJS, Python, Django, Flask, Codelgnitor, SQL Server, Postgres, Laravel, JQuery, Wordpress, REST API, UX/UI, ReactJs, Flutter, VueJS, NodeJS, Java.

### GRAPHIC SKILLS

87%



Graphic Design & Illustrations, Illustrator, Photoshop, Unity, Figma

### SOFTWARE TOOLS

85%



Git, GCP, AWS, Azure, Elasticsearch, Docker, Slack, BitBucket, Digital Ocean, Datadog, Dynatrace, Zabbix

### GENERAL IT SKILLS

80%



Cloud Architectures and Services, Code Documentation, Database Administration, Information Security, IT Equipment Installation and Configuration, IT Support, IT Training, Mail Server Management and Configuration, Networking and Network Management, Social Media Marketing, Office Tools (MS office, open office, etc.), Operating Systems (Windows, Linux and Mac) Administration, ERP Systems Intergrations, Systems Administration, Team Leadership, Web Server Administration, GAPPS and O365 support



## WORK EXPERIENCE

### Software Developer

Mar 2023 - Nov 2025

AARO EA Ltd

Website <https://aaro.com>

Notable Web applications developed include:

- Microsoft Word ADDIN Reporter(React JS/Node JS)
- Microsoft Excel ADDIN Reporter(React JS/Node JS)
- Upgrades Script Portal

### DUTIES

- Led the secure implementation and integration of large-scale enterprise reporting systems, embedding data validation, encryption, and secure APIs to ensure compliance with international financial and identity standards.
- Collaborating with cross-functional teams to develop high-impact add-ins and portals for real-time data processing, translating complex requirements into scalable solutions that enhanced system efficiency for thousands of users.
- Contributed to long-term technology vision, advising on architectural decisions that supported interoperability with external systems and laid the groundwork for national-level digital transformation initiatives.

### Web Applications Developer

Jul 2021 - Feb 2023

EDOMX Ltd

Website <http://www.edomx.com>

Notable Web applications developed include:

- Loan Application System (NodeJS API)
- Usd Application
- Merchant Portal
- Reconciliation Portal
- E-commerce API's System

### DUTIES

- Designed and deployed secure, large-scale web applications (Loan Application System, Merchant & Reconciliation Portals, E-commerce APIs) by implementing multi-layered authentication and data reconciliation, ensuring accuracy, data integrity, and compliance with financial and identity security requirements.
- Orchestrated end-to-end system integration with major payment gateways (Safaricom M-Pesa, Master/Visa) while managing server deployments on AWS, ensuring high availability and real-time synchronization for essential services.
- Led user training and technical support programs for field and back-office staff, equipping teams to manage sensitive data systems securely and efficiently.

### Applications Developer

Mar 2019 - Jun 2021

Wananchi Group (K) Ltd

Websites:

<http://www.wananchitelecom.com>

<https://zuku.co.ke>

<http://www.wananch.com>

Notable Web applications developed include:

- Contact Management System.
- IT Helpdesk Support System
- Autosign Document and ETR system
- Smartbill Billing System
- HR Recruitment Portal
- Service Request Portal

### DUTIES

- Developed billing and service systems, improving accuracy by 20% and service times by 50%.
- Maintained multiple systems, boosting reliability and user experience.
- Deployed applications on AWS, implemented CI/CD pipelines, and ensured secure, optimized performance.
- Created system documentation and provided technical support, improving on-boarding, resolving customer issues and reducing downtime.

### Software Developer

Apr 2014 - Dec 2018

emomentum-interactive systems.

Website:

<http://www.emomentum-interactive.com>

Notable Web applications developed include:

- Multiple Intranets and Websites
- Nairobi County Web Portal
- Request Management System
- Billboard Monitoring System
- Contact Management System
- County Online Service Application
- System Governance Risk and Compliance system

### DUTIES

- Part of the team that was tasked with developing the Nairobi county web portal <http://www.nairobi.go.ke>
- Tasked with maintenance of the Nairobi county web portal i.e. Monitoring, Updating and Database management.
- UI/UX Design and Development of various systems , websites and intranets.
- Requirements Gathering , Scoping , Process flows and documentation of systems.
- Part of the team tasked with development of Harvest Flowers <http://www.harvestflowers.com>.
- Developed an online forms backend portal for Nairobi County to be integrated with payments API channels such as safaricom, master/visa card, jambopay, pesapal etc.

### System Administrator / Web Developer

Jan 2013 - Mar 2014

Itcribz Solutions.

Website: <http://www.itcribz.com>

Some of The Websites developed include

- <http://imaragardens.com>
- <http://kevinmidigo.com>
- <http://strata.co.ke>

### DUTIES

- Website (wordpress, custom) design and development
- Graphic Design / Branding
- Logo Design and Identity
- IT support
- Systems Administration

<b>Support Technician Internship</b> May 2012 - Aug 2012	<b>DUTIES</b>
Nairobi Water And Sewerage Company	<ul style="list-style-type: none"> <li>● Managing Company Network</li> <li>● User Support</li> <li>● System Administration</li> <li>● IT Security Management</li> <li>● Server Management</li> </ul>
<b>Systems Developer Internship</b> May 2011 - Aug 2011	<b>DUTIES</b>
Taurus Business Systems	<ul style="list-style-type: none"> <li>● Translation of Client Requirements to System Design</li> <li>● Rationalization of System Design</li> <li>● Applications Coding and Testing</li> <li>● Research on New or Alternative Methods of Coding</li> <li>● Translation of Research Findings into Functional Program Code</li> </ul>
<b>IT Administrator Internship</b> May 2010 - Aug 2010	<b>DUTIES</b>
Essar telecom ke (YU), IT department	<ul style="list-style-type: none"> <li>● Network Management</li> <li>● Databases Administration</li> <li>● IT support</li> <li>● Systems Administration</li> <li>● IT Security</li> <li>● Data Call and Management Centre</li> </ul>

## ACHIEVEMENTS AND CERTIFICATES

- Assistant Chairman for Kangaru School IT Club.
- Pioneered the 1st Kangaru School Magazine in conjunction with the Journalism Club.
- Rugby Captain at Kangaru School 2008.
- Attained 2nd position in the provisional rugby tournament.

CUEA (Catholic University of Eastern Africa)

- Rugby Football Club (RFC)
- Computer Science Club
- Presidential Awards (PA) club
- Marketing Students Association Club

### Online Works Portfolio

<http://www.shamasrugby.com>

<http://www.kevinmidigo.com>

<http://www.atechglobal.co.ke>

<http://www.shamasea.com>

<http://www.purplegroup.co.ke>

<https://twowafrica.com/>

<http://www.mutungafoundation.org>

<http://www.harvestflowers.com>

<http://www.micklinkmarketing.co.ke>

<http://www.harrymule.com>

<http://www.kangundojobs.com>

<http://www.itcribz.com>

## REFEREES

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