



## Aaron Muuo

Software Engineer

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### 01. PROFILE

I am a resourceful, dependable, and results-driven software engineer based in Nairobi, specializing in creating impactful software products with seamless user experiences through software development and UI/UX design. My expertise lies in core programming languages like Java, JavaScript, PHP, frameworks such as Vuejs, Laravel, Yii2 and Flutter, and I have a keen eye for UI/UX design, blending functionality with aesthetics to deliver better full-stack products.

My strengths revolve around a blend of technical and creative thinking hence I excel in a problem-solving environment. I approach projects with an innovative mindset, valuing collaboration and feedback to refine ideas.

My aspiration is to become an expert in the tech industry by expanding my skill set in machine learning, cybersecurity, and honing both business and technical acumen. I aim to contribute to cutting-edge advancements, driving innovation and pushing the boundaries of technology.

### 02. CAREER OBJECTIVES

To help an organization meet its objectives by proposing new software, recommending upgrades to existing system as well as applying my knowledge in engineering and project management towards building and maintenance of software applications.

### 03. EDUCATION

Nov 2018 – Jul 2022 Murang'a	<b>Murang'a University of Technology</b> BSc. Software Engineering, 2nd Class Upper
Jan 2018 – Jul 2018 Nairobi	<b>Zalego Academy</b> Certificate in software development
Jan 2014 – Dec 2017 Machakos	<b>Mumbuni Boys' High School</b> K.C.S.E Certificate, Grade B
Jan 2006 – Dec 2013 Kilifi	<b>Mtwapa Elite Academy</b> K.C.P.E Certificate

### 04. CERTIFICATIONS

Jun 2022 – Jul 2022	<b>Cisco Networking Academy</b> Certificate in Introduction to Cybersecurity
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### 05. PROFESSIONAL EXPERIENCE

Sep 2022 – Nov 2023 (Full time, Hybrid) Nairobi	<b>Attain Enterprise Solutions</b> <b>Job title:</b> Systems Developer <b>Responsibilities:</b> <ul style="list-style-type: none"><li>- User research and UI/UX design</li><li>- Development of APIs (SOAP and REST) for integration within web-based solutions in PHP</li><li>- Systems development and reconfiguration using Yii2 and Laravel</li><li>- Customization of modules in Microsoft Dynamics 365</li></ul> <b>Key projects undertaken:</b> <b>1. Name of Assignment:</b> Development of a Risk Based Supervision System
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**Year:** 2022 to 2023

**Location:** Uganda

**Client:** Uganda Retirement Benefits Regulatory Authority (URBRA)

**Main Project Features:** Licensing, Returns, Inspections & Due Diligence, Adhocs, Sanctions, Complaints & Whistleblower, Risk toolkit, APIs, Mergers, Winding up, workflow management.

**Skills applied:** Yii2 framework, Adobe XD, API development, Microsoft SQL server, Azure cloud services.

**Positions Held:** User Experience (UX) Engineer, System developer.

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**2. Name of Assignment:** UI enhancement of an ERP system

**Year:** 2022

**Location:** Uganda

**Client:** Electricity Regulatory Authority (ERA)

**Main Project Features:** Licensing, workflows, Strategic business planning, Investment planning and verification  
Compliance monitoring

**Skills applied:** Adobe XD

**Positions Held:** User Experience (UX) designer.

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Jan 2022 – Aug 2022

(Part time, Hybrid)

Murang'a

## **Digital World IT**

**Job title:** Software Developer

### **Responsibilities:**

- Developing features for web and mobile apps
- Integration of third-party services and APIs in existing solutions and ongoing projects
- Collaboration with other developers in bugfixes and feature improvements

### **Key projects undertaken:**

**1. Name of Assignment:** Design and Development of a church management system solution.

**Year:** 2022

**Location:** Kenya

**Client:** Presbyterian Church of East Africa (PCEA)

**Main Project Features:** Registration, Online classrooms, Reports and analytics, blogging, workflows, website administration, Finance, communication.

**Skills applied:** Laravel framework, MySQL.

**Positions Held:** Full stack web developer.

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**2. Name of Assignment:** Development and enhancement of school management system solution.

**Year:** 2022

**Location:** Kenya

**Client:** Benedito Highway Complex School

**Main Project Features:** Admission & Registration, Reports, Fee payments, Parent access, attendance management, communication, examination, and grading.

**Skills applied:** CodeIgniter framework.

**Positions Held:** Web developer.

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**3. Name of Assignment:** Development of an online learning mobile app

**Year:** 2022

**Location:** Kenya

**Client:** In-house product

**Main Project Features:** Online courses and learning materials, Registration, Payments, Admin and student dashboards.

**Skills applied:** Laravel framework, MySQL, Kotlin

**Positions Held:** Backend developer.

Sep 2021 – Dec 2021  
(Full time, Onsite)  
Nairobi

## **Zalego Academy**

**Job title:** Web development intern

### **Responsibilities:**

- Data collection, cleaning, and analysis
- UI design using Adobe XD and Figma
- Web development in Laravel framework
- Android app development in Kotlin language
- Participating in discussions and contributions to small projects in team environment using tools like Git and Trello
- Research in mobile and web development technologies such as Flutter, Vue and React.
- Mentoring new software development students

### **Key projects undertaken:**

**1. Name of Assignment:** Development of an Ecommerce bookstore

**Year:** 2021

**Location:** Kenya

**Client:** In-house project

**Main Project Features:** Registration, Payment integration, Reports and analytics, shopping cart, order management, Product reviews.

**Skills applied:** Laravel framework, MySQL, Git and GitHub.

**Positions Held:** Web development intern.

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**2. Name of Assignment:** Development of a test marking and student data collection form mobile app

**Year:** 2021

**Location:** Kenya

**Client:** In-house project

**Main Project Features:** Data entry, OCR test paper scan and marking, Reports generation, communication.

**Skills applied:** Laravel framework, MySQL, Java

**Positions Held:** Web development intern.

Apr 2020 – Dec 2020

(Part time, Onsite)

Kilifi

### **Nile Crocodiles Limited**

**Job title:** IT Support

**Responsibilities:**

- Software and hardware troubleshooting, installation, and maintenance
- Data collection, validation, and entry

## **06. SKILLS**

Skill	Description
1. UI/ UX and graphics design	InVision Studio, and Adobe suite (Adobe XD, Photoshop, Illustrator, InDesign)
2. Web development	Laravel, Yii2, Vuejs, HTML5, JavaScript, CSS3 Sass
3. Mobile application development	Kotlin, Java, Flutter
4. Database	MySQL, Microsoft SQL
5. Server setup and administration	Microsoft server environments: IIS, Microsoft SQL Server, Linux Apache server.
6. Collaboration and project management	Git & GitHub, Trello, Azure DevOps platform and Jira

## **07. LANGUAGE PROFECIENCY**

Language	Speaking	Reading	Writing
1. English	Excellent	Excellent	Excellent
2. Swahili	Excellent	Excellent	Excellent

## 08. MY INTERESTS

- i. Cloud computing
- ii. Blockchain technology
- iii. Cybersecurity
- iv. Data science and Machine learning

## 09. REFEREES

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| <b>1</b> | <b>Name:</b> Mr. Collins Juma               | Zalego academy, Nairobi              |
|          | <b>Position:</b> Web development supervisor | <b>Tel:</b> +254 790 366 848         |
| <b>2</b> | <b>Name:</b> Mrs. Racheal Kitetu            | Attain Enterprise Solutions, Nairobi |
|          | <b>Position:</b> Project Manager            | <b>Tel:</b> +254 722 917 008         |
| <b>3</b> | <b>Name:</b> Mr. Jackson Kiliku             | Nile Crocodiles Limited              |
|          | <b>Position:</b> Human Resource Manager     | <b>Tel:</b> +254 722 841 538         |