

# ROBERT MUNGAI MWANGI

Nairobi, Kenya

Website: <https://mungai-tech.vercel.app/>

Phone: +254799178783 | Email: robertomungai001@gmail.com

## Professional Summary

Results-driven Systems Developer with expertise in full-stack development, system integration, and API development. Proficient in PHP, Python, Yii2, Laravel, Redis, Queue management and Django, with extensive experience in Microsoft SQL, PostgreSQL, and MySQL. Skilled in building scalable, user-centric web applications and streamlining business processes across financial, regulatory, and energy sectors. Proven track record in leading high-impact projects, leveraging Agile methodologies and advanced integration techniques (REST, SOAP, Curl) to deliver solutions that improve efficiency, compliance, and data accuracy.

## Skills

- Programming: PHP, Python, React, JavaScript, AJAX, jQuery, HTML5, CSS
- Frameworks: Yii2, Laravel, Django
- Databases: Microsoft SQL, MySQL, PostgreSQL
- System Integration: RESTful APIs, SOAP, Curl
- Web Development: Bootstrap, Responsive Design
- Tools: Git, Agile/Scrum, Microsoft 365
- Operating Systems: UNIX-based, Windows
- Other: API Design, Requirements Gathering, Technical Documentation

## Professional Experience

**Systems Developer - Attain Enterprise Solutions Limited, Nairobi, Kenya (Oct 2023 - Present) -**

Led development of Risk-Based Supervision System for Ghana's Pensions Industry, enhancing regulatory compliance and efficiency.

- Built a comprehensive risk toolkit analyzing financial returns and survey data for real-time risk scoring.

- Architected and optimized high-performance risk analysis tool using Yii2 and Microsoft SQL, implementing Redis-backed job queues with 40 concurrent workers for scalable background processing cutting risk analysis time to only 2 hours.
- Integrated Microsoft Dynamics Business Central with regulatory systems via Stanbic Bank APIs, reducing payment errors and processing time by 80%.
- Implemented robust web applications using Yii2 and Microsoft SQL, leveraging queue systems for performance optimization.
- Utilized REST APIs, SOAP, and Curl to enhance cross-platform data exchange and reliability.

### **Graduate Trainee - Attain Enterprise Solutions Limited, Nairobi, Kenya (Aug 2022 - Oct 2023) -**

Assisted in developing Uganda Electricity Authority's Regulatory Information Management System (RIMS).

- Contributed to modules for Investment Management, Litigation, Outage Reporting, and Permit Renewals.
- Developed an e-commerce Auctioning Mobile App using modern mobile-first design principles.
- Participated in code reviews, bug tracking, and technical documentation processes.

### **Intern - Android Developer - AO Technology Group Kenya, Nairobi, Kenya (Feb 2021 - Apr 2021)**

- Developed and maintained the 'E-Results' Android application, integrating REST APIs for real-time data sync.
- Enhanced user experience through responsive design and Android Studio capabilities.
- Configured network printers to support backend system connectivity.

## **Education**

B.Sc. in Information Technology, Multimedia University of Kenya - Dec 2022

## **Certifications**

- Microsoft 365 Certified: Fundamentals - Mar 2025
- PHP Yii2 Course - Udemy, Dec 2023

## **Languages**

- English (Proficient - C2)
- Swahili (Proficient - C2)