

RESUMÉ

Full Name: Edwin Gichuhi Ngumo

Nationality: Kenyan

Address: P. O. Box 14354, Nakuru

Mobile: +254708456186 / +254101456186

Email: edwingichuhis@gmail.com

Professional Profile

A gifted leader and innovative software engineer experienced in designing and building exceptional websites, applications and everything in between. My technical expertise coupled with my leadership experience and my natural abilities to work smoothly with other team members have proven highly valuable in every project I have been involved in.

Professional Skills and Competencies

- **Project Management:** Teams, Slack, Asana.
- **Integrations:** Integrating Mpesa(DarajaAPI), Paypal, Visa/Mastercard
- **Programming Languages:** TypeScript, JavaScript, Python, Java, PHP
- **Frameworks:** Ionic, React, Gatsby, Laravel, Django, NextJS, Angular
- **Database:** MySQL, PostgreSQL, Firebase
- **Version Control Systems:** Git (BitBucket, Github)
- **Test tools and CI/CD tools:** Jenkins, Apache, Netlify, LAMP
- **Arduino ADK board:** Programming the boards with C++

Microsoft Dynamics CRM: Managing support calls and tracking issues

- **Compliance and Processes:** Experienced in several compliance standards, processes and methodologies e.g **Agile Scrum**
- Sound understanding of **object-oriented programming** concepts, **Software architectures** and **design patterns**

Work Experience

Software Developer January 2020 – present *Premar Systems Limited*

- Documenting and optimizing support procedures to decrease open tickets turnaround time.
- Conducting code reviews to maintain quality of code.
- Coordinating with the project management office in project planning, timelines, and resources allocation.
- Designing and documenting the product and coming up with the system design to show business flow and how the new system will fit in the current systems and operational processes.
- Refactoring legacy code to eliminate code smell, increase system flexibility, and ease maintenance efforts.
- Ensuring that project documentation is complete and is appropriately updated as the project evolves.
- Onboarding and mentoring new interns in a team, defining their responsibilities, and helping them familiarize with existing codebases, development/deployment procedures, etc.
- Enabling QA and first line support teams as needed.
- Ensuring team adherence to quality standards, best practices, functional and non-functional requirements.
- Identifying opportunities for improving system stability and increasing operational efficiency.
- Reporting to the PM on all technical matters related to a project.
- Attend management meetings to provide technical updates and offer professional advice on related matters.
- Meeting with clients for project briefing, consultation, installation, support, progress reviews, etc.
- Ensuring that monitoring alerts and system events are assessed, prioritized, and managed.

Achievements

- Led the development of Meen Web Application and hybrid application using Ionic framework and React JS (Typescript). Meen is a short-story-sharing application that connects budding writers and readers in an interactive manner.
- Was involved in developing an eCommerce website to link the company with customers. Customers can easily buy products via the payment module integrated into the website {www.rewotafrica.co.ke}.
- Successfully updated the company's website(Premar Systems) from Wordpress to React+NextJS {www.premarsystems.com}.
- Was involved in developing a management web application for a US-based logistics company that transports vehicles across the country. The solution allowed them to expand their reach by recruiting agencies and drivers and providing them with a digital platform to serve Super Stallion's customers. {superstallioncarriers.com}

IT Consultant Oct 2017 – Jul 2018 KPMG EA.

- Wrote modern, performant, maintainable code for the internal ERP systems based on Odoo platform, using Python language
- Systems audit of various banking systems for some banks in Nairobi
- Performing extensive data analytics on large data sets using caseware IDEA software

Education

Kabarak University (Kabarak, Kenya) Apr 2014 – Dec 2017 BSc. Computer Science

First Class Honours

Units:

- Data Structures with C
- Object Oriented Programming with Java
- Design and Analysis of algorithms
- Software Engineering
- Software Quality Management
- Structured Programming and Web Applications programming
- Database Management Systems, etc.

Key Trainings and Certifications

- Programming with Python (Codecademy)
- Introduction to SpringBoot (Udemy)
- IT Systems Audit(KPMG EA.)

Personal and Interpersonal Skills

- Outstanding leadership and analytical skills
- Identifying and mitigating project risks early enough
- Effective user training and communicating to both technical and non-technical people.
- Evolving the system according to the market dynamics to remain ahead of the competitors
- Effectively Handling several modules/ clients/ issues concurrently
- Quick understanding of customer needs and breaking down the needs to specific tasks.
- Identifying new business opportunities.

Available on request