

NEWTON KARANI MUROKI

FULL STACK SOFTWARE ENGINEER

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CONTACT

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LINKEDIN

www.linkedin.com/in/newton-karani-41b93b179/

GITHUB

www.github.com/Newton985

PLAY STORE

<https://play.google.com/store/apps/dev?id=8427057143902731708>

PROFILE

I am a confident, passion driven individual in software engineering with practical hands-on skills in software development, deployment and maintenance. I'm Resourceful and proactive. I combine effective communication skills with detailed knowledge to identify and solve problems, and deliver a satisfactory outcome whether working alone or as part of a team.

Talented Software Developer experienced in producing and updating systems. Optimized structures and processes to accomplish customer targets and promote company loyalty. Expert in diverse programming languages, including Java, PHP, JavaScript and learning more. Successful team leader and complex problem-solver skilled in reviewing, fixing and improving code to maximize product performance and usability. Bringing 4 years of software development and management experience.

EDUCATION

Sept 2016 - Dec 2020

Kisii University,

BSc Software Engineering.

Second Class Honors, Upper Division.

[CERTIFICATE HERE](#)

Jan 2012 - Dec 2015

Njia Boys High School

Attained grade B+

[CERTIFICATE](#)

LANGUAGES AND SKILLS

Java

Kotlin

Typescript

PHP

HTML/CSS

Android

Spring Boot

Node js

Laravel

SQL

FRAMEWORKS

React

React Native

Angular

Laravel

OTHER SKILLS

REST
SWIFT
DOCKER

MVC
MVVM
OOP

GITHUB
AGILE
IOS

OKHTTP
RETROFIT
VOLLEY

REDUX
DEPLOYMENT
BOOTSTRAP

WORK EXPERIENCE

Jan 2021 - Present

FULL STACK SOFTWARE ENGINEER - KENYA REVENUE AUTHORITY, NAIROBI, KENYA

- ❖ Designing, Developing and deploying the Kenya School of Revenue Administration (KESRA) Mobile App Using Java , Android MVVM architecture with Data Binding and Retrofit. The App is part of the school ERP and used by both students and staff. ([PLAY STORE](#))
 - ❖ Design, development and implementation of the Kenya School of Revenue Administration (KESRA) school ERP System.
 - ❖ Development of the back-end RESTFUL API for the above-mentioned app, using Java Spring Boot, Spring JPA, Oracle Database and ThymeLeaf UI.
 - ❖ Acting team leader for the Mobile App Team.
 - ❖ Developed the Fronted dashboard for the KRA Payments Gateway platform to help finance departments view and track tax payer transactions made via mobile payments platforms. The Fronted is implemented in Angular Framework, with use of material UI.
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Feb 2021 - Aug 2021

LEAD MOBILE DEVELOPER - ZAAM TECHNOLOGIES (Part Time)

- ❖ Taking part and leading the team in the Development and Maintenance of the Smart Hotel App ([PLAY STORE](#)) [SAMPLE QR CODE](#) . Which is Part of the Opac Smart Hotel System yet to be released.
- ❖ Building the RESTFUL and GraphQL endpoints for the above app and it's web app Companion using Node.js, Express.js and MongoDB.
- ❖ Building the Fronted for the Smart Hotel Web App using React and Typescript (<http://smartehtel.herokuapp.com/>)

Jan 2019 - Apr 2019

INDUSTRIAL ATTACHMENT, KENYATTA UNIVERSITY

- ❖ Participated in development of KU Mobile App
 - ❖ Took part in maintenance of the KU website
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OTHER WORKS

- ❖ Developed the Klickit 8.4.4 Revision app for Infoney Solutions. [PLAY STORE](#)
 - ❖ Developed the CBC Content Learning App for Infoney Solution. [PLAY STORE](#)
 - ❖ Developed the Property Management System for [Mauma Agencies](#) . Demo [HERE](#).
 - ❖ AI Tips Mobile App. [PLAY STORE](#)
 - ❖ Google Books APP. [APK HERE](#)
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REFEREES

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Lead Developer, Kenya Revenue Authority
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