



**Allan Kariuki**

*Software Engineer/ Full Stack  
Developer*

## Contact Information

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Location: Nairobi, Kenya

## Personal Information

Date of Birth 15/05/2000  
Nationality Kenyan  
Marital Status Single  
Languages English, Swahili, French

## Professional Career Summary

I'm an experienced software engineer passionate about innovative solutions driving tech progress. Proficient in Python, C, React, Data Science, Linux, AI and Machine Learning, my journey is marked by a relentless pursuit of excellence, crafting high-performance software, and embracing emerging technologies to deliver cutting-edge solutions.

I have a diverse skill set, excelling as both an AI programmer, applying machine and deep learning to complex problem-solving, and as a Software Engineer, crafting robust software solutions with a focus on user experience and performance optimization.

With a track record of successfully delivering projects on time and within budget, I pride myself on my problem-solving acumen and my ability to collaborate effectively with cross-functional teams. As the tech landscape evolves, I remain committed to pushing the boundaries of what's possible in software engineering, driving innovation, and consistently delivering top-tier solutions that empower organizations to thrive in the digital age.

## Career Objective

Seeking a challenging position as an Applied Curriculum AI lead at ALX where my related work experience and skills can be fully utilized and the organizational goals furthered.

## Areas of Expertise

AI and Machine Learning



Project Management



Python and frameworks



Software Development Life Cycle



JavaScript and frameworks



C



Ruby



Data Modelling



Data Analysis



Team player



Public Speaking



# Occupational Contour

AI Data Programmer - Remote

January 2020 To Date

MICROSOFT UHRS

## Job Responsibilities:

- Annotating data based on predefined guidelines and specifications.
- Ensuring high-quality and consistent labeling to improve model accuracy.
- Identifying and flagging ambiguous or challenging data points for further review.
- Develop data processing pipelines to prepare labeled data for training.
- Building, training and evaluating machine learning models
- Fine tuning models for specific use cases and optimizing their performance.
- Monitoring progress and quality of work completed by crowd sourced workers,

Website Development - Freelance

May 2023 - Aug 2023

PAMODZI

## Job Responsibilities:

- Development of high quality portfolio website
- Create structure and style of web pages
- Develop server-side applications and scripts
- Creating and maintaining databases, managing data and ensuring data integrity
- Ensuring website are visually appealing and functional on different devices and screen sizes.
- Optimizing web pages for speed and performance.
- Implementing SEO for web visibility and ranking on search engines.

System Auditor and Admin - Part Time

June 2023 To Date

COPTIC HOSPITAL

## Job Responsibilities:

- Implementing data backup and disaster recovery solution to protect patient data from loss and corruption
- Installing, configuring and managing servers hosting all critical hospital applications.
- Configuring and maintain hospital's network infrastructure.
- Ensuring IT systems comply with health care regulations standards.
- Making system updates of stock based on physical reports
- Create a report that analyses system stock and physical stock

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## Educational Background

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Jan 2023 - Current	<b>Software Engineer</b> <i>ALX Africa</i>
Sept 2018 - Aug 2023	<b>Bsc. Petroleum Exploration and Production</b> <i>Mount Kenya University, Kiambu</i>
Jan 2018 - Jun 2018	<b>International Computer Driving License</b> <i>NIBS Technical College, Nairobi</i>
2014 - 2017	<b>Kenya Certificate of Secondary Education</b> <i>Queen of Apostles Seminary School</i>
2009 - 2013	<b>Kenya Certificate Primary Education</b> <i>Musa Gitau Primary School</i>

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## Achievements

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- Successfully deployed Pamodzi Human rights website and working on a few more websites including my portfolio.
- Passed LinkedIn Assessment in Python and C
- Taekwondo Black belt award

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## Interests

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- Mixed Martial Arts
- Reading Fantasy Novels
- Board games
- Formula 1
- Traveling