

Collins Mutugi Riungu

Software Engineer

Remote-native polyglot engineer with 9+ years designing and owning system architecture, from spec to shipping through scalable, secure implementation. Skilled at evaluating tradeoffs across stacks, structuring solutions for maintainability at scale, and integrating up-to-date workflows to boost delivery velocity. Drives technical excellence end-to-end, aligning architectural decisions with business objectives.

WORK HISTORY

Independent Software Engineer

Freelance (Remote) | February 2025-Present

- AI automation at Toptal for briq.ai and Michelin.
- Consultant lead engineer for Steris in development of CAT 6.0.

Software Engineer L5

Stream4Tech LLC (Remote) | November 2023 – February 2025

- Owned technical implementation of ~10 major features for Steris CAT 5.1.
- Documented spec, migrations, architecture, and flows, reducing on-boarding time for new developers by 20%.
- Mentored 5+ developers in AI workflows, ownership and CI/CD.

Software Engineer L4

Stream4Tech LLC (Remote) | November 2022 – November 2023

- Led safe-deprecation of legacy code reducing technical debt by 20%
- Owned implementation of ~5 features for Steris CAT 5.0 in a cross-functional global remote team of 60 members.

Senior Developer

Chalkstone Ltd (Remote) | September 2020 – August 2022

- Led development of Anthropoldata's Android application in React Native, ensuring contractor sign-ups in the first 2 months of launch.

Support Engineer

Influx (Remote) | July 2019 – September 2020

- Provided SaaS technical support, cutting average response time from 2 hours to 30 minutes.
- Built knowledge base and diagnostic scripts to scale support operations.

Part-time Full Stack Developer

Chalkstone Ltd (Remote) | April 2019 – November 2019

- Collaborated on 3 strategic initiatives to design, code, and test Anthropoldata platform, contributing to a 15% decrease on roll-out time.

Mobile Developer

Church blaze Group Limited | August 2018 – December 2018

- Developed and maintained 2 Tier-1 mobile applications achieving a combined 1000,000+ downloads and maintaining a 4.2-star rating on app stores.

Software Developer

Idea Kenya Business Solutions | May 2017 – August 2018

- Led deployment of 2 software products to ~30 clients, with a 95% CSAT.

CONTACT

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SKILLS

Essentials: Communication, Collaboration, Leadership, Problem Solving, Adaptability, Time Management, Critical Thinking, Stakeholder Management, Product Thinking, Mentorship, Attention to Detail and Learning Agility

Full-Stack Proficiency: Modern web & mobile languages (JS/TS, Python, PHP, JVM, Kotlin, Swift, e.t.c), component frameworks, API design, multiple database paradigms. Security config and security audit

DevOps & Infra: Containerization, automated deployment pipelines, cloud platforms, and build automation tools.

AI & Automation: Integration-ready ML pipelines, prototyping, automation of documentation and testing, embedding and search-ready data preparation.

Practices: Test automation and quality assurance, collaborative code review, technical documentation (and knowledge sharing), mentorship and best practices advocacy, agile delivery and iterative development.

EDUCATION

BSc Computer Science-Kenyatta University

PERSONAL PROJECTS

• Fixed Assets Tracker

Created a Fixed assets life cycle tracker tool that's shipped to ~30 clients and keeps track of +1m assets

HOBBY PROJECTS

• ECO-Calc

Built a GHG accounting and projection calculator

• Grand Master Ledger

Building a comprehensive chess analysis tool that delivers personalized coaching recommendations based on performance patterns.