

# DANIEL GITHIOMI

## FULL STACK SOFTWARE DEVELOPER



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[Personal Website Portfolio](#)



[LinkedIn Profile](#)



[GitHub Account](#)



## SUMMARY

I'm a dedicated Full-Stack Software Developer specialising in JavaScript, TypeScript, React, React Native, and Spring Boot. I enjoy turning ideas into scalable, high-performance applications and understanding how each layer—frontend, backend, and data—works together to create meaningful digital experiences. I thrive in collaborative environments, working closely with engineers, designers, and product teams to craft high-quality applications. Over the years and working with diverse teams and a variety of projects, I've contributed to reusable component architectures, high-performance UIs, clear API contracts, and improved error-handling patterns that enhance both user experience and developer workflow.

Beyond coding, I'm driven by curiosity, continuous learning, and a strong belief that technology should be built responsibly. I'm passionate about sustainable tech and the role developers play in creating efficient, energy-conscious systems as the world becomes increasingly digital. Integrity, creativity, and problem-solving guide my work, and I'm always excited to connect with people building innovative, user-focused, and future-ready products.

## EDUCATION

### GLASGOW CALEDONIAN UNIVERSITY (GCU) PARTNERSHIP WITH AFRICAN LEADERSHIP UNIVERSITY (ALU)

BSc (Hons), COMPUTER SCIENCE / SOFTWARE  
DEVELOPMENT

Completed with **First Class Honors**

### MORINGA SCHOOL

INTENSIVE SOFTWARE DEVELOPMENT  
BOOTCAMP

Involved in project-based learning for web and  
mobile development

## SKILLS

- PROGRAMMING:**
  - TypeScript & JavaScript - React, Angular, NextJS, NodeJS, TanStack React Query
  - Java - Spring, SpringBoot, Spring Security
  - Mobile - Java Android
  - Web - HTML, CSS, Bootstrap, Tailwind
  - Cloud Services - AWS
  - DevOps - Docker
  - Databases - H2, PostgreSQL
  - REST, UI/UX Design, SQL - PostgreSQL, OOP
- VERSION CONTROLS:** GitHub
- OPERATING SYSTEMS:** Windows, Ubuntu Linux, MacOS
- OTHERS:** Microsoft Office Suite (365), Microsoft PowerApps

## INTERESTS

- Sustainability Projects
- Application Development
- Learning new emerging technologies
- Motorcycle Riding

## LANGUAGES

- ENGLISH - Expert/ Fluent
- FRENCH - Beginner
- SWAHILI - Native

## PROFESSIONAL EXPERIENCE

### Full Stack Software Developer

UNIICY IT LTD | [UNIICY](#)

March 2025 - Present

- Built scalable web and mobile apps using React, React Native, TypeScript, TailwindCSS, and integrated REST APIs.
- Developed reusable UI components using Atomic Design, increasing consistency and reducing QA-level UI defects.
- Improved frontend architecture by proposing clearer API error-handling patterns, reducing debugging time by 20%.
- Optimised performance with React best practices and local Zustand storage, achieving 20% faster load times, minimising network API calls.
- Implemented TanStack React Query across the monorepo, unifying loading, caching, and error states and reducing redundant API calls.
- Built core modules for a German betting platform, including transactions, bet placement, and real-time monitoring features.
- Strengthened code quality through Vitest unit tests, structured debugging, and refactoring, reducing production issues by 25%.
- Maintained a shared Storybook component library, improving documentation consistency and accelerating developer onboarding.

### Junior Software Developer

Mauritius Commercial Bank (MCB) | [MCBC](#)

July 2023 - June 2025

- Core Banking Development team that developed and deployed Java routines for Temenos T24 implementation.
- Developed and optimized InfoBasic and Java Routines to run more performant reducing run times by 6%.
- Created, Edited and Deployed T24 Enquiries and Versions, set up APIs and configured T24 Application Tables
- Leveraged the Angular Typescript Framework to create a robust, modern and reactive frontend application reducing task completion time by 20%.
- Used the Java SpringBoot Framework to develop a production-ready backend application exposing RESTful APIs using 9% less server resources.
- Flutter was leveraged to develop a cross-platform mobile application for both iOS and Android that increased to 120 more downloads in 2 months.
- Used Spring Security to ensure data security, consistency and integrity of critical banking data.
- Collaborated with DevOps teams for code optimization using libraries such as RXJS
- Utilized version control systems, such as Git, to streamline collaboration.
- Developed bash shell script automation programs to efficiently move and manage files and minimizing any errors.
- Leveraged CICD methodology pipelines to automate the build, test, and deployment processes.
- Configured Temenos T24 versions and routines to meet client needs.