

# DANIEL M. GITHIOMI

## FULL-STACK SOFTWARE DEVELOPER

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 [Personal Website Portfolio](#)

## SUMMARY

Dynamic and highly skilled Full Stack Software Developer with an academic background in Computer Science and Software Development. With over 4+ years of expertise in full-stack development, and innovative problem-solving, I have worked in office and freelanced on diverse web and mobile application projects. I deliver impeccable results that exceed expectations and possess exceptional communication and interpersonal skills with a proven ability to work collaboratively in different environments to achieve high quality results within set timelines and meet business needs.

With a keen attention to detail, I have comprehensive knowledge in both back-end (Server-Side) and frontend (Client-Side) application programming. Specializing in the use of Java modern frameworks such as Spring, SpringBoot and Spring Security for server-side development. I also use both JavaScript and Typescript Frontend Frameworks and have had experience with Angular, React and NextJS. I have developed Mobile Applications using Java for Android devices.

Seeking challenging Software Developer intensive positions where my technical skills and programming experience can be leveraged and used to develop innovative software solutions and contribute to the growth of the organization. I operate exceptionally well under minimal supervision, consistently surpassing expectations by delivering high-quality results.

When I'm not coding, I am an ambient listener of music and love to drive my motorcycle around, enjoying and admiring nature.

## INTERPERSONAL SKILLS

- Communication
- Collaboration
- Attention to detail
- Quick learning
- Time management
- Adaptability
- Team spirit
- Critical thinking

## **WORK EXPERIENCE**



### **Full Stack Software Developer**

UNIICY IT LTD

**Ebene, Mauritius**

**March 2025 – Present**

- Worked on a variety of projects with a great team to develop and build core application features. One of the many was German online betting platform, that implemented bet placement components, transaction flows, and monitoring dashboards, while ensuring fast and reliable performance.
- Developed high-fidelity interfaces and reusable UI systems using the Atomic Design methodology, increasing component reusability by 40% and reducing inconsistencies across web and mobile platforms.
- Collaborated with my team to integrate frontend applications with backend services using TanStack React Query, Postman, and DataBird, improving data-fetch reliability and API handling efficiency by 15%.
- Actively contributed to team discussions about application architecture, suggesting improvements to our API implementations and error-handling strategy. My proposals helped standardize predictable API error responses, reducing debugging time and improving consistency across web and mobile apps.
- Creatively incorporated tertiary components to enhance user experience by implementing practical feedback systems—such as toast notifications—that help users understand successful actions, warnings, or errors more clearly.
- Optimized rendering performance, apply efficient TypeScript patterns, and use tools like Zustand for state management, resulting in 10% faster load times and smoother UI interactions.
- I strengthened application quality by writing unit tests with Vitest and Jest, improving debugging processes, and contributing to a 20% decrease in production issues.
- I helped create and maintain a shared UI component library using Storybook, which streamlined component development, documentation, and onboarding for new developers, improving ramp-up speed by 30%.
- I work collaboratively in an agile environment, contributing to sprint planning, architectural discussions, and solution brainstorming while maintaining a 90% on-time delivery rate.

**Skills:** React · React Native · HTML · CSS · JavaScript · TypeScript · Tailwind CSS · Zustand · StoryBook · Vitest · Spring Boot · TanStack React Query · Jest · Monorepo



## **Junior Software Developer**

Mauritius Commercial Bank (MCB)

**Port Louis, Mauritius**

**July 2023 – February 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.
- Used Test Driven Development (TDD) approach to development.
- Collaborated with DevOps teams for code optimization using libraries such as RXJS
- Utilized version control systems, such as Git, to streamline collaboration

**Skills:** Java · T24 · Temenos · Shell Script · Angular · Spring Boot · Postman · PostgreSQL ·  
Typescript · JavaScript · HTML · CSS



## **Information Technology Intern**

Dalbit Petroleum Limited

**Ebene, Plaines Wilhems District, Mauritius**

**May 2022 – August 2022**

- Extract and format monitoring reports.
- Process IT Service requests according to pre-defined procedures for known challenges.
- Assist in maintaining inventory records and documentation for equipment.
- Monitor assigned systems and procedures to ensure data security.
- Perform minor repairs to equipment and arrange for other servicing needs.
- Ensure accurate and timely recording of preventive maintenance records.
- Setup and configure IT equipment.
- Report on the service desk SLA compliance
- Conduct and report on research subjects as assigned.
- Support the onboarding of new staff.

**Skills:** Microsoft Office Suite · Microsoft Power Apps · Preventive Maintenance · Inventory Management



## **Intern**

NCBA Group

**Kenyatta, Nairobi, Kenya**

**Aug 2019 - Oct 2019 (3 months)**

- Appointed as the lead intern to coordinate members of the team.
- Served customers as a bank teller and served customers in the private lounge.
- Balancing of accounts in the Finance department.
- Document filing for the Human Resources Department.
- Account management and finance filing for the Finance Department.
- IT system maintenance, surveillance, and downtime reporting. Call center team member and customer support.



## **Intern**

AFRICA IWAY

**UpperHill, Nairobi, Kenya**

**Apr 2018 - Jun 2018 (3 months)**

- Awarded best intern for flexibility and versatility to fit in any role.
- Web Developer assistant (Focusing on frontend - HTML and CSS).
- Served as a customer service agent at the company's Call Center.
- Balancing of financial books and report writing on trends.
- Human Resource assistant learning the process of recruitment and shortlisting based on requirements.

## **EDUCATION**



### **Glasgow Caledonian University**

Bachelor's degree, Computer Science

*Completed with **First Class Honors***

**2021 - 2024**

Completed a fourth year GCU program while based at the ALC Mauritius Campus, pursuing a bachelor's degree in computer science (software development). The program included studying and completing the following courses: Fundamentals of Software Engineering, Introduction to Network Technology and Object-Oriented Programming, Web Platform Development, Cloud Computing, Mobile Platform Development, Object Oriented Architectures and Design.



### **The African Leadership University**

Bachelor's degree, Computer Science

*Completed with **First Class Honors***

**2021 - 2024**

Glasgow Caledonian University (GCU) student based at the ALC Campus in Mauritius, pursuing a Computer Science Course. This began with a foundational Leadership Core Course based on building the person before impacting knowledge.



### **Moringa School**

Software Development for Web and Mobile Applications

**January 2020 – November 2020**

This was a year-long coding intensive bootcamp course where Web Development (Using HTML/CSS, Javascript, JQuery and Bootstrap) was a common unit after which I focused mainly on mobile application development using both Java and Flutter programming languages.

## SKILLS

Android App Development • UI/UX Design • Java • Web Development • Object-Oriented Programming (OOP) • Software Development • Collaborative Leadership • Constructive Teamwork • Creative Problem Solving • Android • Javascript • JQuery • SQL (PostgreSQL) • Angular • Spark • HTML5 • Cascading Style Sheets (CSS) • Microsoft Office Suite • React • Spring Boot • NodeJS • Typescript

TECHNOLOGY	SKILL LEVEL	DESCRIPTION
<b>Java</b>	<b>7 / 10</b>	<ul style="list-style-type: none"> <li>• Knowledge of Java until version 21</li> <li>• Develop robust and high-performance applications.</li> <li>• Implement object-oriented programming (OOP) principles and design patterns</li> <li>• Use Java Collections and Streams for data manipulation</li> <li>• Exception handling management and logging.</li> </ul>
<b>Spring Boot</b>	<b>6 / 10</b>	<ul style="list-style-type: none"> <li>• Use of Spring Web to develop functional RESTful APIs</li> <li>• Leverage ORMs such as JPA to interact and manipulate database data.</li> <li>• Integration with SwaggerUI for documentation</li> <li>• Use of MVC architecture</li> <li>• Spring Security with JWT</li> </ul>
<b>TypeScript / JavaScript</b>	<b>7 / 10</b>	<ul style="list-style-type: none"> <li>• Develop dynamic single-page applications (SPAs) using Angular, React and NextJS.</li> <li>• Leverage two-way data binding and MVC architecture for data display.</li> <li>• Build reusable components, pipes, dependency injection for modular and maintainable code.</li> <li>• Implement API routes and dynamic routing for fast and flexible development</li> <li>• <b>Angular:</b> Use of <i>Signals</i> to manage application state.</li> <li>• <b>React:</b> Manage application state using <i>Context API</i>, <i>Zustand</i></li> <li>• <b>Next.js:</b> Develop full-stack applications with Next.js, using SSR (Server-Side Rendering) for SEO-friendly pages</li> </ul>
<b>Databases</b>	<b>7 / 10</b>	<ul style="list-style-type: none"> <li>• Design and manage relational databases – PostgreSQL</li> <li>• Develop complex SQL queries, joins</li> <li>• Use ORMs like Hibernate or JPA for database interaction.</li> <li>• Ensure data consistency and integrity.</li> </ul>
<b>Version Control</b>	<b>6 / 10</b>	<ul style="list-style-type: none"> <li>• Use Git for version control</li> <li>• Create descriptive commit messages for accountability and management</li> <li>• Manage repositories on GitHub</li> <li>• Collaborate using pull requests</li> <li>• Handle release management</li> </ul>
<b>Agile Methodology</b>	<b>5 / 10</b>	<ul style="list-style-type: none"> <li>• Participate in Agile practices - Sprint Planning, Standups</li> <li>• Use tools (Trello) to track tasks and progress</li> <li>• Collaborate closely with teams for iterative development</li> <li>• Deliver incremental product updates in short sprints</li> </ul>

## **HONOURS AND AWARDS**

### **Representative of the ALU Alive Committee in the Student Government** African Leadership University

**Sep 2021 – Sep 2022**

ALU Alive was a part of the ALU Student Government. ALU Alive is a wellness framework that is offered by the Student Life Team at ALU that encourages students to take ownership of and craft their unique wellness stories. It is a program that consists of offerings, presented by the Student Life team, that speak to different areas of wellness. It also consists of student-run initiatives within these areas.

### **Intern of the Month** IWAY AFRICA

**June 2018**

I was awarded the best intern of the month of June due to my versatility to fit into any role and still deliver above-expected results, as well as my ability and willingness to learn quickly and apply accrued knowledge.

## **REFEREES**

### **1. Josiah Nyangaga**

**Work Title:** Senior Software Developer & Faculty.

**Institution:** African Leadership University (ALU)

**Email Address:** josiahnyangaga@gmail.com

**Relevant Links:**

- [LinkedIn](#)

### **2. Adjhamir Bughaloo**

**Work Title:** Head of IT Delivery.

**Institution:** Bank One Mauritius

**Email Address:** adjhamir.bhugaloo@bankone.mu