

DANIEL GITHIOMI

FULL-STACK SOFTWARE DEVELOPER

Grand Baie, Rivière du Rempart, Mauritius



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[Personal 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



Junior Software Developer

Mauritius Commercial Bank (MCB)

Port Louis, Mauritius

July 2023 – Present

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

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. Adjhmir Bughaloo

Work Title: Head of IT Delivery.

Institution: Bank One Mauritius

Email Address: adjhmir.bhugaloo@bankone.mu