DANIEL **GITHIOMI**

FULL STACK SOFTWARE DEVELOPER

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Personal Portfolio
LinkedIn Profile
GitHub Account

Grand Baie, Mauritius

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.

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.

EDUCATION

GLASGOW CALEDONIAN UNIVERSITY (GCU) PARTNERSHIP WITH AFRICAN LEADERHIP 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
  - **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

Junior Software Developer

Mauritius Commercial Bank (MCB) | MCBC
September 2023 - Present

- Part of a Core Banking Development team that developed and deployed Java routines for Temenos T24 implementation.
- Developed T24 Interfaces for implementation in Temenos clients.
- Developed and optimized InfoBasic and Java Routines to run more performant reducing overall 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.
- Leveraged Flutter 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.
- Relied on 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

IT Support Intern - Software Developer

Mauritius Commercial Bank (MCB) | MCBC
July 2023 - August 2023

- 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.

Tech Support Intern & IT Specialist

Dalbit International - Mauritius | DALBIT
May 2022 - September 2022

- Extract and format monitoring reports.
- Process IT Service requests according to pre-defined procedures
- Maintain inventory records and equipment documentation.
- Monitor assigned systems to ensure data security.
- Repairs to equipment and arrange for other servicing needs.
- Purchase and configure staff I.T equipment.
- Report on the service desk SLA compliance
- Support the onboarding of new staff.