DANIEL GITHIOMI

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Summary

Daniel Githiomi is a hard-working, competent, committed, self-motivated and adaptable software developer specializing in coding Android Mobile Applications using Java while also being able to create Website Applications using HTML, CSS, Bootstrap and Javascript. However, with the current market demands and requirements, I am adding Flutter to my repertoire of Android Development to increase my knowledge and skills.

With a logical perspective as well as a good eye for details, I am well conversant with both Back-end (Server-Side) and Fronted (UI/UX Design) programming. I have an unhinged passion for technology that has given me the drive to have general knowledge of computers. This allows me to diagnose computer systems, install software and operating systems and made me proficient in using all Microsoft Office Applications.

Currently seeking a mobile app developer position within a progressive environment where I can put to use the knowledge I have accrued. I not only work hard but I work smart to ensure that I deliver above-expected results in time. I'm strongly team-oriented and exceptionally well with others to make sure objectives are met and surpass any and all expectations.

When I'm not coding, I am an ambient listener of music and love to drive around and admire mother-nature.

Work Experience

Software Development Intern

Mauritius Commercial Bank (MCB)

Port Louis, Mauritius
July 2022 – August 2022

- **Shell Scripting:**
    - Developed automation programs to efficiently move and manage files, streamlining workflow processes.
    - Implemented database update scripts, ensuring data consistency and integrity.
- **Angular Web Development:**
    - Designed and developed a user-friendly website for the banking sector to facilitate file uploads securely and efficiently.
    - Utilized Angular framework to create responsive and interactive front-end components for seamless user experiences.
- **Spring Boot & Java Backend Development:**
    - Developed a robust backend using Spring Boot framework, handling file upload functionalities and API endpoints.
    - Created RESTful APIs for seamless communication between the front-end and back-end, enabling secure data transfer.
    - Implemented error handling and data validation mechanisms, ensuring data accuracy and system stability.
- **Process Automation:**
    - Integrated bash shell scripts to automate the file upload process, reducing manual intervention and minimizing errors.

- **Database Management:**
  - Utilized database update scripts to manage and maintain the integrity of critical banking data.
  - Implemented secure data handling practices, ensuring data confidentiality and protection against potential vulnerabilities.
- **Project Management:**
  - Demonstrated strong project management skills in coordinating the development of the file upload system for the banking sector.
  - Successfully met project deadlines and milestones, ensuring timely delivery of the final product.
- **Problem-Solving and Troubleshooting:**
  - Identified and resolved complex technical issues related to file handling and database management, ensuring seamless operation.
  - Conducted thorough testing of the website and API to ensure high-quality deliverables, minimizing bugs and errors.
  - Actively sought opportunities to enhance system performance and security, staying updated with industry best practices and trends.
- **Collaboration and Teamwork:**
  - Collaborated effectively with cross-functional teams, including front-end developers, testers, and stakeholders, to deliver a cohesive and integrated solution.

    - **Skills:** Shell Script · Angular · Java · Spring boot · Postman · Postgres · Database Development and Management

Information Technology Summer Intern

Dalbit Petroleum Limited
Quatre Bornes, 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

Jan 2021 - Present

Currently, a second year GCU student at ALC Mauritius Campus, pursuing a bachelor's degree in computer science. I have already completed the following courses: Fundamentals of Software Engineering, Introduction to Network Technology and Programming 1 which served as foundational courses.

The African Leadership University
Bachelor's degree, Computer Science

Jan 2021 - Present

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, Web, and Mobile development

January 2020 – November 2020

This was a year-long coding intensive course where Wed 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   • Python

Honors & Awards

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

Sep 2021

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**

   <u>Work Title</u>: Faculty, Computing & Electrical Engineering.
   Institution: African Leadership University (ALU)
   Email Address: josiahnyangaga@gmail.com
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