

Daniel Simiyu | Software Developer

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GitHub: <https://github.com/danielmsd1>

Background

Ready to utilize my skills and passion to further the mission of any company. Technologically adept, offering experience with many different platforms, office technology programs and programming. Proven efficiency both in individual and group settings, with an ability to quickly learn, improve and navigate any software program.

Education

Informatics and Computer Science

Strathmore University, Nairobi Kenya. | 2018-2022 | B |

Experience

Flutter Developer at *Herufi*, Nairobi

01/2021-07/2022

Player of a central role in expanding the target market of the Herufi application by revamping the codebase. Application which was initially designed for finance tracking for churches was now open to any organization involving any kind of transactions. Assisted in implementing bloc state management pattern from the former inherited widgets and callbacks. Worked on improving the user interface, making the experience better for our users. On demand, involved in assisting new interns get to understand the codebase and feel comfortable enough to contribute, which is a more laid-back, consulting position.

IT Support and Math Instructor at *Webuye DEB*, Bungoma

01/2019 – 03/2019

Revived the math club by always being available for consultation by students and teachers. Ensured all the IT driven activities like typing and printing of exams are done on time, to ensure smooth running of the school. Assisted teachers in fixing their devices and advice on the best IT practices. Partnered with the school principal to organize workshops to arouse student interest in IT.

Projects

1. Dent Creatives

Created a web application for a Malawian based Design Studio. Administration will be able to manage the user permissions and dictate system accessibility for the staff, as well as have a central repository for all their designs. Project is available on GitHub.

2. Usaidizihub

Led my team in the creation of a native android application that connects university students to counselors at very low rates. Project is available on GitHub.

3. FlutterTube

A flutter mobile application using the YouTube API to show the user contents of the leading flutter channels and allow them to switch between them and play the videos. Application published on the PlayStore, and open source.

4. SESC Mobile

Part of a team that has been working on a flutter android application for the Strathmore Environmental and Sustainability club, which would connect students and the alumnus towards a common purpose. Worked on and submitted the authentication module and home, which is open source and can be accessed on GitHub.

5. Green Sun Diary

A well-being application that allows users to track their daily moods, and read articles curated for them. Application published on the PlayStore.

6. Congraph

A flutter web application that allows a user to track their consistency graphs across different tasks. Solidified my knowledge on bloc and working with the custom painter to achieve my intended designs. Project is open source on GitHub.

7. Kenyan Careers

Part of a team that designed an improvement of the Kenyan Careers website. Learned how to collaborate and work effectively as a team. We improved the UI and added a CV builder. Project code is available on GitHub.

Certifications

Google IT Support

<https://coursera.org/share/7afacc6a9875b2de43ab2b38694d7dad>

- Learned how to provide end to end customer support, ranging from identifying problems to troubleshooting and debugging.
 - Learn to perform day-to-day IT support tasks including computer assembly, wireless networking, installing programs, and customer service.
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Skills

- JavaScript, HTML, CSS, Java, Python
- Flutter, Django, Express
- Machine Learning, Nodejs, GRAPHQL, REST APIs.
- Azure, DigitalOcean.
- Firebase, MongoDB, POSTGRESQL.