
Caroline Daisi Odawa

Software Developer

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Personal Statement

As a dedicated software developer with a robust background in both software and IoT projects, Daisi is driven by a deep passion for creating solutions that address real-world challenges. Her journey has been shaped by experiences in backend development, IoT, and mobile application design, where she has learned to harness technology's transformative power for diverse applications, from visitor management systems to education-focused tools. Daisi believes that technology can bridge knowledge gaps and enable communities and organizations to thrive in a connected world.

TECHNICAL SKILLS

- ❖ Good understanding of javascript, API-REST, React, and DOM representation of web pages.
- ❖ Able to implement python and Django frameworks in creating web applications.
- ❖ Solid understanding of Django web framework
- ❖ Knowledgeable with SQL and experience working with relational databases (PostgreSQL)
- ❖ Experience with version control systems (Git)
- ❖ Ability to use Kotlin API client for Android Development and XML for designing UI for mobile apps.
- ❖ In-depth understanding of HTML/CSS in creating websites.
- ❖ Familiarity with IoT such as hardware Interfacing and use of tinkercad for creating digital designs that are ready to be 3D printed into super-cool physical objects.
- ❖ Solid understanding of industrial design in creative design concepts, taking into account social, environmental, functional, financial, and aesthetic aspects.
- ❖ Good at UI/UX Design, wireframing, prototyping, and transforming wireframes into computer-aided designs.
- ❖ Familiarity with UX Research
- ❖ Experienced in Odoo ERP and CRM systems.

EXPERIENCE

Scales Technologies- *Software Developer*

Oct 2024 - Present

- Designing and developing software solutions where hardware meets software to optimize processes, with a strong emphasis on real-time data collection and device communication.
- Utilizing protocols such as MQTT, HTTP, and Bluetooth to enable seamless integration between devices and systems, ensuring efficient data transfer and communication.
- Developing cross-platform mobile applications using React Native, ensuring user-friendly interfaces and high performance for both iOS and Android devices.
- Continuously learning and adapting to emerging technologies, applying new methods and best practices to solve complex problems in the IoT and industrial design space.
- Collaborating with cross-functional teams to deliver innovative, scalable solutions that drive business success and meet client needs.

BharathBrands Limited - *Junior Software Developer*

March 2023 - March 2024

- Working with other developers to plan and develop new features for existing products and creating entirely new products using existing technology.
- Creating new computer applications by writing or modifying source code.
- Designing and developing new applications by translating user requirements into code that a computer can read.

Young Engineers Kenya - *Coding Tutor*

Jan 2021 - March 2023

- Guided students on how to build models using legos.
- Teaching the Galileo technic program which investigates mechanical systems from a real engineer's point of view.
- Organized inter-school competition for students.
- Reports/Documentation of students progress

PhynaTech Company - *Software Developer Intern*

Oct 2021 - Dec 2021

- Created new user-facing features
- Developed reusable code and libraries for later use
- Ensured that UI/UX designs are technically feasible
- Contributed to the API design and development
- Optimization of the applications for best performance and scalability

EDUCATION

AkiraChix,Nairobi Karen - *Diploma in Information Technology*

Feb 2021 - Dec 2021

Relevant Courses

Backend Development- Object-Oriented Programming in Python such as lists, tuples, dictionaries, and using Django framework for creating server-side web applications

Frontend Mobile Development-Exploring concepts in Kotlin such as Retrofit - API client for Android Development and XML for designing UI for mobile apps.

Frontend Web Development-Developing web applications using techniques such as Ajax, promises, async, and await as well as using DOM manipulation for object-oriented representation of web pages.

UX Research-Fundamentals in User experience research from understanding user needs to come up with information relevant to the final design of a product.

UI/UX Design-Using design tools such as Figma and Adobe Illustrator

REFERENCE

Edwin Karimi Mureithi

Role:Software Engineer at Value8

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Velvin Atieno Ochieng

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