

SOFTWARE ENGINEER
BENJAMIN KYALO PAUL

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EDUCATION

Murang'a University of Technology

- Bachelor of science (mathematics and computer science)

SKILLS

Languages: HTML5, CSS3, JavaScript (ES6), SQL

Frameworks: React, Typescript, Next js, Bootstrap

Tools and Others: Git, GitHub, Netlify, Linux.

EXPERIENCE

Software Engineer Intern at [Itesyl](#), Thika, Kiambu, Kenya

May 2022 - Present

- As an Intern, I'm tasked with maintaining and implementing new features on the existing business API using Python Flask and the automated bots using Nodejs to ensure the smooth running of the systems.

Technical Article Writer at [TechVarsity](#), Nairobi, Kenya

January 2022 - Present

- As a technical writer, I am tasked with Coding APIs, CLI apps, and other applications utilizing Python, Flask, FastAPI, Nodejs, and Express.JS used in tutorials, writing tests utilizing Jest and Pytest, and then integrating with CircleCI for automated builds and tests. Also, documenting steps in making an application, testing, and Integrating with CircleCI.

Web Developer at [Art Crafters](#), Nairobi, Kenya

August 2023 - Present

- As a web developer, I redefined Art Crafters by elevating the existing website to a modern-looking site using HTML, CSS, and Bootstrap5 enhanced UX by improving Art Crafters' website page load speed from 57% on mobile and 68% on the desktop to 71% on mobile, and 98% on the desktop.

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PROJECTS

[Personal portfolio-city-praises builders](#)

-Without necessarily implementing a backend, developers can integrate the CMS with frontend applications for blog management. It's

with Flask with an SQLite database and integrated with a continuous integration pipeline.

Add to cart E-commerce App -

The solar vortex-

-A social media API built with FastAPI and powered by a Postgres database, integrated with GitHub actions CI/CD and automated deployments to an Ubuntu server on the digital ocean.

My Farmer

- A bookmark manager API that allows for simple bookmark management. It is built with FastAPI, powered with a Postgres database, and integrated with CircleCI for automated tests and builds with an automatic build and deployment of Docker images to Docker Hub.

Art crafters

- a blog website with user account actions and complete blog functionality.

Smart collections Hub

- A tool for parsing images and HTML elements from websites. It involves inputting a target site than providing the element tag. It has support for downloading .

HOBBIES

Open-source software development:

As an avid open-source enthusiast, I actively contribute to software development evolution, embracing the collaborative spirit of the tech community. I also engage in personal projects that enriches the open source ecosystem. I not only hone my technical skills but also cultivate valuable problem-solving and team work abilities this continuous learning and innovating to open-source software development makes me an asset to any team seeking to build meaningful websites applications.

Attending tech conferences and meetups:

Attending industry meetups and conferences has become a regular part of my routine, allowing me to stay abreast of cutting-edge advancements, network with peers, and gain fresh perspective. When I attend these meetups and conferences, I speak out my thoughts and ideas according to the raised matters, and end up helping one or more peoples in the midst. I not only enhance my technical expertise but also cultivates my ability to think creatively and adapt to ever evolving tech landscape.

Blogging and writing about technology.

I unleash my passion for technology through blogging, and transforming complex concepts into engaging And accessible narratives. I delve into the intricacies of the emerging trends analyses the impact to the Landscape to ensure that I produce the right documentaries to fellow software engineers. My blogs serve as a platform to share insights, spark discussions, and empower readers to navigate to ever-evolving technological industry.