

Fredrick Ochieng

SOFTWARE ENGINEER

Details

Nairobi
Kenya
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Links

[GitHub](#)
[LinkedIn](#)
[Portfolio](#)

Skills

PHP
Laravel
Java
HTML/CSS/JavaScript
MySQL
Git
Linux
MongoDB
Express.js
AngularJS
Node.js
C/C++
Flutter/Dart

Languages

English
Swahili

Career Statement

Highly skilled software engineer of over 2 years of experience with a strong foundation in computer science principles and experience in a variety of programming languages and technologies. I am a proactive and self-motivated individual with a track record of delivering successful projects and a passion for solving problems and creating innovative solutions. Strong communicator and team player with a dedication to producing high-quality work.

Employment History

Embedded Software Engineer, Gearbox Europlacer, Nairobi

APRIL 2022 – NOVEMBER 2022

- Developed software for embedded systems, coding solutions for both new installations and in-situ hardware.
- Programmed applications and tools using object-oriented languages with goals of code abstraction, stability and reuse.
- Leveraged Agile methodologies to move development life-cycle rapidly through initial prototyping to enterprise-quality testing and final implementation.

IT intern, National Housing Corporation, Nairobi

FEBRUARY 2021 – MAY 2021

- Developed new online library management system for the company.
- Helped build tools to improve and automate user experiences.
- Monitored and logged daily server tasks and reports

Education

Bachelor of Science in Computer Technology, Multimedia University of Kenya, Nairobi

SEPTEMBER 2017 – DECEMBER 2022

Full-Stack Software Development, eMobilis Mobile Software Institute, Nairobi

JANUARY 2018 – MAY 2018

Kenya Certificate of Secondary Education, Agoro Sare High School, Oyugis

MARCH 2014 – NOVEMBER 2017

Kenya Certificate of Primary Education, St. Agnes Primary School, Voi

JANUARY 2006 – NOVEMBER 2013

Projects

MiniObsessTv LiveTv

SEPTEMBER 2022 – PRESENT

(https://github.com/Freddy10035/MiniObsessTv_v1.0)

- A Live TV app that aims at providing users with a convenient way to watch their favourite TV shows and channels on the go, without requiring a traditional cable or satellite subscription.
- Utilized **MySQL** for database management and integrated with a streaming service provider for live TV streaming functionality.
- It offers users a personalized viewing experience by allowing them to customize their channel line-up and save their favourite shows.
- Technologies used: **Java, PHP API key for the back-end, XML**

Soft skills

Strong problem-solving and analytical skills

Strong communication and collaboration skills

Strong attention to detail and ability to work with precision

Strong time management and organization skills

Ability to adapt to changing technologies and new programming languages

JobListings

OCTOBER 2022 – JANUARY 2023

(<https://github.com/Freddy10035/JobListings>)

- Implemented a user-friendly interface for job seekers to search and apply for job openings, and for employers to post and manage job listings.
- Improved the site's SEO by optimizing the site's structure and content.
- Managed the project from start to finish, including planning, development, and deployment.
- Technologies used: **HTML**, **Tailwind CSS**, and **alpine.js** for the front-end, **PHP Laravel Framework** for the back-end and **MySQL** for the database

Mechanic Locator

FEBRUARY 2022 – SEPTEMBER 2022

(<https://github.com/Freddy10035/MechanicLocator>)

- A mechanic locator site that provide a convenient way for people to find and compare mechanics in their area.
- It helps mechanics attract new customers by making it easy for people to find their business online.
- Enables a platform for mechanics to advertise their services and showcase their expertise.
- Technologies used: **PHP**, **JavaScript**, **CSS**, **MySQL**

Netflux

NOVEMBER 2020 – JUNE 2021

(<http://netflux-webapp.netlify.app/>)

- A Progressive Web Application
- It is an IMDB-like application that allows users to get information concerning a movies and search for movies
- It also allows users to create individual accounts and personalize profiles
- I designed and developed the front-end, back-end as well as database
- Technologies used: **Angular**, **NodeJS**, **MongoDB**

Nativity

JUNE 2019 – DECEMBER 2019

(<http://trial-navity.herokuapp.com/>)

- A drone registry that allows users to request quotations from drone pilots registered in the system
- It also allows drone related service providers to register under pilots and institution categories, it also allows users to browse through and get details on institutions and pilots
- I worked on the entire stack (front-end, back end, and database)
- Technologies used: **ReactJs**, **NodeJs**, **MongoDB**

Courses

Machine Learning, Cousera.org

MARCH 2022 – PRESENT

References

Ephantus Ngugi from Gearbox Europlacer, Kenya

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