

# 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](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**

## 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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