



KENEDY MAINA

Junior FullStack Engineer

Email: kenedymaina634@gmail.com | **LinkedIn:** www.linkedin.com/in/kennynet

| **GitHub:** <https://github.com/kennynet66> |

Summary

I am an enthusiastic and self-motivated junior fullStack software developer in search of experience working in an agile team environment. Ready to build valuable products that solve user problems, and eager to continue learning and developing new skills.

Technical skills

I have knowledge and experience in the following languages, frameworks & tools

C, Python, Django, JavaScript, Nodejs, Expressjs, React, HTML, CSS, BootStrap5, MySQL, Git/Github, Render, Figma, postman, insomnia

Projects

Sports club system

- This is my first fullstack project created with the Django module from python. It uses **sqlite3** database and utilizes **Bootstrap5, html & CSS stylesheets** for the front end development.
- The project manages and registers members to the club, Has an inventory for adding and managing store items such as sports equipments

Checkout my repository: https://github.com/kennynet66/Sports_club-system

C functions

I recreated some of the c functions such as `strcat` `strncat` `puts` `strlen` `strcmp` and other c projects such as printf project and a simple shell

This project is aimed to enhance understanding on the memory structure of a 32 and 64 bit machine and different C concepts.

Puddle

Puddle is a marketplace project that I have been working on using nodejs and Expressjs.

It has some few key features that I have implemented:-

- A cart
- An **admin** site which is crucial for site management and offers features such as adding, deleting and updating products & managing user profiles.
- A **client** side which is the side the users interact with to browse products, add products to their carts and also checkout products

Puddle utilizes third party services such as OAuth for authentication, MongoDB as the database.

This is my second solo full stack project and so far my favorite. Puddle has equipped me with necessary skills to build scalable backends and user friendly and responsive front ends. I look forward to deploying the site in early 2024.

Challenges I faced creating Puddle.

What is success without its ups and downs? While creating Puddle I have faced several challenges, the main one being lack of technical mentors. Working on such a big project on my own seemed impossible when beginning since I lacked a technical mentor to hold my hand and teach me the tricks and tips of writing better code and also encouragement.

Github Link: https://github.com/kennynet66/puddle_marketplace

Private Projects

I also have other private projects that I am working collaboratively on with a group of like-minded engineers. The projects are aimed to solve a problem that exists in the society and as a learning opportunity for everyone in the group.

The projects include:-

- A parcel delivery website.
- A flight booking and ticketing system

In the projects I have fully participated in coding, designing and managing the backend(mainly).

I have also participated in creating responsive and user friendly landing pages.

Portfolio Project

I have created a mini portfolio project just to house everything enclosed in this Resume in a graphical manner. For this project I have utilized HTML, CSS and Bootstrap5. You can view the deployed site on

<https://kenedymainaportfoliio.onrender.com>

Experience

UI/UX Researcher & Designer

I worked as part of an agile team in creating an application for funding children's education and providing educational content/materials.

Roles and duties

- I served as a UI/Ux Researcher
- I served as a UI/UX Designer
- I conducted user interviews
- As part of the team's culture we took turns in some roles to gain experience in the field so I took part as the project manager

FullStack Developer

In my project *sports club system, puddle marketplace &*

Roles and Duties

- Code debugging.
- Designing fully responsive and user-friendly front-ends
- Database creation and maintenance.
- Back-end development

Fullstack Engineer

In one of the private projects I worked as a backend Engineer and frontend. I worked mainly using Expressjs, Nodejs, JavaScript, html, css, tailwind css & mongodb.

Roles and duties

- I was assigned the group leader role so I worked on organizing team meetings, sending notification emails for emails, creating & designing meeting slides.
- I worked closely with the cybersecurity expert to implement an authentication system
- Created a database to store information such as user login and sign in details
- Write and manage server code

Education

I am currently an ALX(*African Leadership (X) where x represents infinite possibilities of a youth*) student. I have been specializing in the back-end track learning all the critical ends of being a back-end Engineer including the ethical matters and skills. I have also taken part in boot camps such as the free code camp and also utilizing web resources such as W3Schools, YouTube, stackoverflow and documentations on various programming languages, libraries and frameworks.

What I do when I'm not coding

- Power pointing / creating slides.
- Listening to Lofi beats.
- Long walks.
- Dance classes