Francis Eze

Software Engineer(Backend)

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Skills

Proficient:
Python, Django, Django Rest Framework, Version Control: Git & GitHub, Linux, HTML, CSS, Bootstrap, Digital Ocean

Moderate:
Heroku, Postman

Basics:
Javascript, GCP, C, React

Professional Experience

Software Engineer/Web Administrator, *EPINEC NG*   12/2022 – present

- Revamped and optimized the existing codebase of the company's website, eliminating 80+ bugs and reducing page load time by 40%, resulting in a 25% increase in website conversions. **Increased traffic and feedback by 60%.**
- Developed the frontend and backend architecture for shieldforce.io, resulting in a **40% increase** in website performance and a **25% decrease** in page load time, optimizing the user experience.
- **I worked on third-party API integrations for shieldforce.io.** Responsible for the deployment and maintenance of the website.
- Built the frontend and backend for epinec.us. Added .csv format export feature and linked backend to HubSpot via webhook for lead creation.
- **Led the launch of shieldforce.io from the SE department.**

Inhouse Developer, *Kafz Luxury Apartments*   08/2022 – 12/2022

- helped to maintain more technical aspects of the company's digital presence.
- **increased the company's online presence by 100%** by creating a landing page, hosting it and also placing the company on Google Maps and setting up the Google Business account.

Projects

EPINEC LLC Official Website, *Landing Page*   2023 – 2024

- I worked on both the front and backends for epinec.us ⬈ , an IT consultancy firm and a subsidiary of EPINEC LLC
- Implemented .csv file format export feature for contact form data, for accessibility by spreadsheet applications such as Excel.
- I managed DNS retrieval for the domain name and deployed both the front- and back-end applications using Digital Ocean's App Platform.

ShieldForce, *A B2B Cybersecurity subscription platform* ⬈   2023 – 2024

- I worked on both the front and back ends of shieldforce.io, a B2B subscription platform for cybersecurity solutions.
- I integrated third-party APIs from providers such as Chargebee, HubSpot, and SendGrid.
- I deployed the front- and back-end applications using Digital Ocean's App Platform.

Kafz Luxury Apartments, *Landing Page*   2022 – 2022

- I built a landing page for my current employer and hosted it. **Increased traffic and feedback to the company by 100%.**

Virtual Doctor, *A web application that mimicks real life hospital checkins*   2024 – 2024

- I worked with a team made up of designers and frontend developers to create a web application that could help arrange appointments, receive preliminary diagnoses, and provide access to testing and pharmacy facilities around the user.
- I specifically worked on the backend and created the endpoints to handle booking an appointment and handling patient information.
- I integrated Google's Maps and Places API to create endpoints for laboratory and pharmacy locators.
- I integrated OpenAI's chatgpt3.5 turbo API to create an endpoint that provides a diagnosis of a user's symptoms through a chatbot. To achieve this, I created a symptom checker algorithm that checks if there are symptoms in the user's message, checks them against the list of symptoms and diseases in the database, and returns a possible diagnosis based on the symptoms.

Education

Diploma, *ALX Software Engineering Program*   03/2022 – present
1 year software engineering program hoping to specialize in backend engineering.

Electronic and Computer Engineering, *Nnamdi Azikiwe University*   09/2019 – present

Certification, *ZURI X Ingressive For Good Training Program*   09/2022 – 12/2022
3 months fullstack software development program.