

Makanaka Chikava

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Technical Skills

Frontend: JavaScript, Typescript, React, Redux, Vue.js, Liquid, EJS, JQuery, Bootstrap, HTML5, CSS, TailwindCSS

Backend: Python, Java, Node.js, Express, REST, Django, JWT, MongoDB, PostgreSQL, Cosmos DB

Development: Git, GitHub, Jira, Figma, Visual Studio Code, PyCharm, Postman, Heroku, Azure DevOps

Experience

Enspi.io

July 2024 – Oct 2024

Full-Stack Developer Intern

- Designed and developed scalable web applications for Virtual Power Plant (VPP) solutions using **React**, **Next.js**, and **Python**, improving energy management efficiency.
- Built and maintained secure server-side applications and databases (PostgreSQL/MySQL/SQL) within the **Microsoft Azure**.
- Created and deployed RESTful API endpoints with **FastAPI** to manage energy incentives, seamlessly integrating data into **Cosmos DB**, improving storage efficiency and data accessibility.
- Collaborated closely with stakeholders to translate energy management system requirements into technical solutions, resulting in innovative, user-friendly products.
- Developed and launched dynamic dictionary page using **React** and **state management**, providing users a glossary of energy terms for the bill analyzer app.
- Built cookies and privacy policy components in **Webflow**

Freelance Web Developer

March 2024 – Present

Self-Employed

- Developed portfolio websites and landing pages for small businesses and individuals, boosting their online presence.
- Utilized technologies including **HTML**, **CSS**, and **JavaScript** to create **responsive** and **visually appealing** web pages.
- Leveraged React to build dynamic and **interactive UI**, ensuring a seamless **UX**.
- Implemented **TailwindCSS** for efficient and customizable styling, improving design consistency.
- Conducted client consultations understanding project requirements, delivering solutions aligned with business goals.
- Managed all aspects of development process, from initial planning and design to deployment and ongoing maintenance.

TechCentral

Dec 2023 – March 2024

Frontend Developer

- Conceptualized and developed an appealing **UI/UX** shopify website for TechCentral's upcoming launch.
- Developed a **user-friendly** and visually appealing product page website anticipating a significant boost in user engagement.
- Developed an **interactive and responsive** website showcasing the company's product using **web development skills**.
- Implemented **HTML**, **CSS**, and **JavaScript** to enhance the website's functionality and user experience.
- Contributed to the **design and layout** of the website, ensuring a cohesive and professional appearance.
- Continuously **maintain and update** the website to ensure optimal functionality and relevance.
- Conducting **testing** to address potential issues, foreseeing a smooth launch process.

Project

Kicksential- *React / Redux / Django / PostgreSQL*

Dec 2023 – Jan 2024

E-commerce web application for discovering and purchasing the latest trending shoes.

- Developed responsive and interactive **UI** using **React** and **TailwindCSS**.
- Utilized **Redux** to handle cart and user **state management**.
- Created robust backend **API** functionalities using **Django Rest Framework**.
- Implemented user authentication using **Djoser** and **JWT authentication** for secure user accounts.
- Leveraged **PostgreSQL** for efficient **data storage** and retrieval.

[GitHub Link](#) | [Live Link](#)

Education

General Assembly Bootcamp

Certificate – Full-Stack Software Development,

Jan 2023 – Apr 2023

Northern Vermont University

B.A. Health & Sports Psychology,

Aug 2020 – Dec 2022

