

HEMENSE LAN

Frontend Developer

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[Portfolio](#) 

Professional Summary

Web Engineer with 3 years of experience, specializing in frontend development. Proficient in TypeScript, JavaScript, Go, Nodejs, and React, with a solid understanding of data structures and algorithms (DSA). Skilled at creating scalable, efficient web applications using modern design systems and principles such as TailwindCSS, Material UI, Bootstrap & Mantine. I am comfortable working with modern development practices and design patterns. I am laser focused on delivering high-quality, maintainable code and contributing to both frontend and system architectures in dynamic environments.

Work Experience

May 2024 - PRESENT

[Jyve](#) - San Diego, United States - *Frontend Developer, Remote*

At Jyve, I contribute to two key systems:

- [Central](#): An Aisle Merchandise orchestration platform where I implemented the AI Quality Check monitoring tool on the frontend. This feature enhanced the efficiency of quality assurance processes, leveraging AI to streamline merchandise validation.
- Jyve Partner Platform ([JPP](#)): A client management tool that enables businesses to create jobs, gain valuable insights into job performance, and establish passing metrics. I worked on building and optimizing the frontend to support user-friendly job management and data analysis, ensuring businesses had clear and actionable insights.

September 2022 - PRESENT

[AFEX](#) - Abuja, Nigeria - *Frontend Developer, Hybrid*

- I play a pivotal role in spearheading innovative projects that significantly impact operational efficiency and user engagement. I led the development of [Sherlock](#), a sophisticated data visualization and natural language processing assistant. This involved orchestrating the creation of Self Service & Prompt Interfaces, ensuring the seamless integration of advanced algorithms to enhance data interpretation and democratization.
- I worked on and maintained the internal payment platform [PayX](#), facilitating cross-country, multi-currency transactions, ensuring seamless integration for end-users and backend systems. I implemented real-time monitoring tools to track transaction statuses and optimize system reliability.

- I worked on the redesign and development of the new company's [website](#), enhancing SEO performance, implementing a cleaner, responsive interface, and improving user interactions, resulting in increased traffic and engagement.

October 2021 - September 2022

[Bluecaller](#) - **Abuja, Nigeria** - *Web Engineer & Data Annotator, Hybrid*

- Labeled and categorized large datasets to improve machine learning model accuracy, ensuring consistency and adherence to project guidelines.
- Analyzed and labeled user-generated content to identify patterns, enabling targeted marketing strategies
- Developed scalable and user-friendly web applications such as [Zashaura](#), using modern frameworks, enhancing performance and user experience.

Education

November 2015 - September 2021

Federal University of Technology, Minna - *Bachelor of Engineering, Mechanical Engineering*

Graduated with Second Class Honors with a CGPA of 3.71/5 and a final year GPA of 3.97

Awarded full tuition scholarship by Chevron for 4 years for straight distinctions in WASSCE

Certifications

October 2024

Software Development Certification - *Colab.io*

Certified in software development principles

April 2023

Testing Javascript - *Kent C Dodds*

Certified in testing full-stack Javascript Applications

Volunteer Work

June 2024 - Present

Front End Development Mentorship - *Nexascale*

At [Nexascale](#), I mentor aspiring front-end developers, helping them build strong foundations in web technologies such as JavaScript, HTML, CSS, and React. I provide guidance on coding best practices, troubleshooting, and optimizing web applications for performance. My mentorship involves one-on-one sessions, code reviews, and project-based learning, empowering mentees to grow their skills and transition into professional roles in web development.