NAHOM TESFAYE

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PROFESSIONAL SUMMARY

innovative and results-driven **Full Stack Web Engineer** with a proven track record of designing and implementing scalable, high-performance applications. Since 2019, I have specialized in building robust digital solutions, leading cross-functional teams, and optimizing system architectures. Adept at translating complex technical challenges into user-friendly experiences, I thrive in dynamic environments that demand creativity and precision.

SKILLS

Front-End:

React.js, Next.js, TypeScript, HTML5, CSS3, Bootstrap, Mantine.dev, Tailwind CSS, C++, R

Back-End:

Node.js, Express.js, Spring Boot

Databases:

PostgreSQL, MongoDB, MySQL, Drizzle ORM, Supabase

DevOps & Tools:

Git, GitHub, GitLab, CI/CD, Docker

PROFESSIONAL EXPERIENCE

Full Stack Developer & Tech Lead

Company: Muyalogy
Employment Duration: November 21, 2023 - Present

Technical Expertise:

- Developed a cutting-edge **E-learning System** using **Next.js** for both front-end and back-end.

- Integrated **Supabase** for PostgreSQL database management, optimizing data handling.

- Designed a visually compelling, responsive UI using **Mantine and Tailwind CSS**.

- Implemented **Redux** for seamless state management across the application.

- Developed a **secure payment system** for course subscriptions and transactions.

- Managed **Telegram bot integration**, enhancing classroom engagement.

Key Contributions:

- Led a team of developers, ensuring best coding practices and scalable architecture.

- Conducted extensive testing and debugging to maintain system stability and performance.

- Actively improved features and functionalities based on user feedback.

Technical Lead – Jiret LMS (Low-Code Learning Management System)

1. **Afriwork**
2. **M4health**
3. **Speaktoreach**
4. **Muyalogy**
5. **Prime Bank LMS**

Technical Expertise:

- Spearheaded the development of **Jiret LMS**, a **low-code LMS** leveraging **Next.js, Supabase, PostgreSQL, and Drizzle ORM**.

- Engineered a modular system for easy course creation and user interactions.

- Optimized database queries and system performance for seamless scalability.

- Integrated drag-and-drop content management for a dynamic learning experience.

Key Contributions:

- Managed and mentored a development team, ensuring smooth project execution.

- Led sprint planning, code reviews, and deployment strategies for optimal performance.

Full Stack Developer – Crowd-Funded Application

Loop state

Technical Expertise:

- Architecting a **crowd-funded platform** using **Next.js and Supabase**.

- Implemented **secure authentication and transaction workflows**, ensuring data security.

- Designed user profiles, project backer interactions, and funding mechanisms.

- Optimized performance to handle high traffic and seamless funding tracking.

Full Stack Developer

Company: Bazra Motors
Employment Duration: February 1, 2023 - November 17, 2023

Technical Expertise:

- Developed an **E-Wallet System** facilitating real-time financial transactions.

- Built a responsive **React.js + Material-UI** front end for an intuitive experience.

- Implemented **Spring Boot** for a robust backend, handling secure transactions.

- Designed and optimized **MySQL** database structures.

Key Contributions:

- Established role-based access control for merchants and agents.

- Built an **admin panel** to manage transactions with real-time monitoring.

- Conducted extensive testing to ensure high system reliability.

Developer

Company: Dan Energy
Employment Duration: April 12, 2021 - December 20, 2021

Technical Expertise:

- Developed a **WordPress-based CMS** for an **AutoParts E-commerce** platform.

- Implemented an **Automatic License Plate Recognition System** using **OCR technology**.

Key Contributions:

- Designed a seamless online shopping experience with secure transactions.

- Improved the accuracy and efficiency of the license plate recognition system.

PERSONAL PROJECTS

COVID-19 Tracker Web App

Description:

- Built a **real-time COVID-19 tracker** using **React.js**.

- Integrated **Google Maps API** to visualize pandemic data geographically.

- Fetched real-time statistics from the **World Health Organization API**.

Key Features:

- Real-time tracking of COVID-19 cases.

- Interactive map visualization displaying regional statistics.

- User-friendly navigation and data accessibility.

Netflix Clone

[Netflix clone link](#)

Description:

- **Developed a Netflix clone for entertainment purposes, replicating its intuitive UI and functionality.**

- **Built with Next.js for high performance and seamless navigation.**

- **Integrated a dynamic content display, user authentication, and streaming simulation.**

EDUCATION & CERTIFICATIONS

- **Bachelor of Science in Computer Science** – Admas University (Graduated with Very Great Distinction)

- **Practitioner Data Science** – United Nations

- **Certifications:** React.js, Google IT Support, Responsive Web Design, Big Data (Coursera)

ONLINE COURSES

- I provide **online web basics courses** on **Muyalogy**, helping beginners build a strong foundation in web development. [My profile](#) , [My course](#)

LEADERSHIP & CONTRIBUTIONS

- **Technical Leadership:** Successfully led multiple teams in building scalable applications.

- **Mentorship:** Provided guidance to junior developers, fostering innovation and growth.

- **Continuous Improvement:** Passionate about implementing best practices for development efficiency.

Let's build something extraordinary together!