Tsega Tigneh

Software Developer

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EXPERIENCE

Software Developer Intern

NERD

📅 05/2023 - 09/2023 📍 Semit, Addis Ababa

NERD is an Robotics company which develops and provides Robotic Solutions

- Contributed to development of 2 projects using MERN stack
- Participated in hardware and software maintenance

Web Developer

Keradion Technologies

📅 04/2024 - present 📍 Mexico, Addis Ababa

Keradion technologies is a software company which develops and provides web and mobile applications

- Contributed to development and deployment of 4 projects using Next and Laravel
- Participated in inventory system software maintenance

SUMMARY

With my educational background in Computer Engineering and a strong foundation in programming, I bring to the table a solid understanding of data structures, operating systems, and software development. My technical expertise includes hands-on experience with MERN stack, Next, Laravel, Tailwind css, Bootstrap, MySQL, and deploying applications on VPS Nginx servers and also shared servers using Cpanel. The highlight of my journey so far has been working on projects that integrate modern web development technologies, showcasing my ability to build scalable and efficient solutions.

SKILLS

Coding

Java **C++** **Javascript** **Python** **PHP** **React** **OpenCv** **Html** **Mysql** **Deployment**

Project management

Git **Docker**

SOME OF PROJECTS

Business Website for YAT business Group Using LARAVEL(freelance)

📅 11/2024 - 12/2025

This project is a landing page for YAT Business Group including admin pannel.
See the website at https://yatbusinessgroup.com

- Robust admin dashboard for complete content management inclueding UI coloring
- Responsive design using Blade and css
- SEO-optimized structure with schema markup and sitemap generation

Business Website for MedSupplies pharma using Next.js and LARAVEL

📅 0 1/2025

This project is a landing page for MedSupplies pharmaceuticals including admin
pannel. See the website at https://medsuppliespharmaceuticals.com

- Robust admin dashboard for complete content management
- Responsive design using Next.js and css

SOME PROJECTS

Business Website for SEYADENT Dental Training center using Next.js and LARAVEL

📅 0 1/2025

This project is a landing page for SEYADENT Dental training including admin
panel. See the website at https://seyadent.com

- Robust admin dashboard for complete content management
- Responsive design using Next.js and css
- Used Laravel for backend development

E-Learning platform for Nerd using Mern Stack

📅 07/2023 - 08/2023

E-Learning website - Developed at NERD as an Intern.
See the repo at https://github.com/segish/E_learning_NERD

- The project is an E-Learning wbsite and is developed for NERD to let their robotics students access tutorials online.
- User authentication and course enrollment.
- Fully responsive and performance-optimized.
- Have Premium and Free versions

Density Based Trafic Light Control System

📅 06/2024 - 08/2024

See github Repo at https://github.com/segish/AI_based_traffic_controll_system
Graduation Project. The project is an AI application which is
developed in phython, OpenCv, and YOLOv8. This system enhances traffic flow by identifying vehicles in real-time from video feeds
It dynamically adjusts traffic signal timings based on vehicle density at intersections, improving traffic efficiency and reducing wait
times. The model detects multiple vehicle types like cars, buses, and trucks, optimizing the flow across various lanes.

Stock Management System

📅 10/2023 - 12/2023

Developed and deployed stock items managing web dashboard for private client
See the repo at https://github.com/segish/Stock_Management_System
 . Used for managing store and shope items data
 . Daily reports on saled items by the cashier
 . Managing credit sales

EDUCATION

BSc in Computer Engineering

Bahirdar University

📅 10/2019 - 08/2024

- Coursework in Algorithms, Data Structure, Computer security, Artificial intelligence etc...
- Award for Completing Job Readiness Training from Dereja.com

LANGUAGES

English ●●●●○ **Amharic** ●●●●● **Geez** ●○○○○