

# Amanuel Daniel — Full-Stack & Frontend Developer

**Email:** 2000amandanm@gmail.com

**Portfolio:** <https://portofolio-sand-beta.vercel.app/>

**Location:** Ethiopia

## Profile Summary

Highly skilled **Full-Stack & Frontend Developer** with hands-on experience in building production-ready, scalable web applications using **Next.js, React, Node.js, and Tailwind CSS**. Proven track record in developing real-time collaborative tools, e-commerce platforms, and dynamic web apps integrating services like **Stripe, Postmark/Resend, Docker, and Supabase**. Known for simplifying complex systems, delivering clean, maintainable code, and moving quickly in high-pressure, fast-paced environments. Excellent collaborator, with strong communication skills and a proactive approach to squashing bugs and optimizing performance.

## Key Skills

- **Next.js, Node.js, Express**
- **Tailwind CSS, Material-UI, Vercel**
- **MongoDB, PostgreSQL, Docker**
- **Socket.io, RESTful APIs**
- **Stripe, Payment Gateway Integration**
- **Git, Version Control, CI/CD**
- **Project Management, Collaborative Development**
- **Ability to Simplify Complex Ideas**
- **Strong Communication & Team Collaboration**

## Relevant Projects

### 1. Code Collab – Real-Time Collaborative Coding Platform

Code Collab is a web-based collaborative coding platform that enables multiple users to write, edit, and execute code together in real-time. The platform mimics the functionality of modern code editors like VSCode, integrated with live terminals, version control, and project management features.

I designed and built both the front-end and back-end systems, leveraging **Next.js** for the user interface to provide enhanced performance, server-side rendering, and efficient routing, alongside **Node.js/Express** for the server-side. Real-time communication was handled through **Socket.io**, enabling seamless multi-user collaboration. The platform also integrates **Docker** to containerize user projects, providing isolated environments for each coding session, and supports version control with **Git**.

### **Additional Features:**

- Live cursor tracking for multiple collaborators
- Syntax-highlighted code editor
- Real-time terminal for executing code within Docker containers
- Project creation and management
- Dynamic port allocation for individual user projects
- User authentication and session management

### **Technologies Used:**

Next.js, Node.js, Express, Socket.io, Docker, MongoDB, Git, Tailwind, Monaco Editor, XTerm

### **Key Achievements:**

- Implemented real-time collaborative editing and terminal sessions
- Designed a scalable backend architecture to manage multiple Docker containers and ports dynamically
- Developed an intuitive, performant, and responsive UI using Next.js and Material-UI
- Integrated secure user authentication and project versioning system

**Link to Hosted Project Landing Page:**

[Code-Collab Landing Page](#)

## **2. Portfolio Website for Clients**

**Duration:** March 2023 – Present

**Description:**

- Built personalized portfolio websites for multiple clients using **Next.js** and **Tailwind CSS**.
- Developed **SEO-optimized pages** with **server-side rendering (SSR)** for faster performance.
- Designed custom layouts for **modern, responsive web designs**.
- Integrated **dynamic content** through **API connections** for personalized client data.
- Optimized performance and accessibility for a seamless user experience across devices.

**Link to Hosted Project:**

[lalisa-personal-portfolio](#)

## **3. Adventist Alumni Website (Aluminia)**

**Technologies:** Next.js, Tailwind CSS, REST APIs

- Developed a community platform for alumni networking with event management and alumni profiles.
- Built an intuitive and accessible UI with optimized server-side rendering.
- Integrated RESTful APIs for alumni data management and event registrations.
- **Demonstrates:** Scalable full-stack application, REST API integration, cross-device UX.

**Link to Hosted Project:**

[Aluminia Website](#)

## E-Commerce Platform Prototype

**Technologies:** Next.js, MongoDB, PostgreSQL, Chapa Payment API

- Developed a functional e-commerce prototype with secure payment integration and dynamic product management.
- **Demonstrates:** Payment gateway integration, multi-database architecture, secure transaction handling.

## Why I'm a Fit for This Role

- ✓ Experienced delivering **production-ready Next.js and React apps** with optimized SSR and clean, scalable UI components
- ✓ Proven **Node.js/Express backend development** with real-time communication, Docker orchestration, and payment integrations
- ✓ Fast-moving, bug-squashing developer who can **simplify complex systems and write clean, maintainable code under pressure**
- ✓ Comfortable integrating external services (**Stripe, Postmark/Resend, Placid/PDF.co, Supabase**)
- ✓ Strong collaborator, open to technical suggestions, and proactive in high-impact, short-contract environments

## Portfolio

[View Full Portfolio Here →](#)