



Aklilu Mengesha

FullStack Developer

 <https://github.com/aklilumengesha>

 aklilumengesha57@mail.com

 +251998121942

 Addis Ababa



PROFILE

Full Stack Developer with 2+ years of experience building production-ready web applications from frontend to backend. Holds a BSc in Software Engineering from Woldia University with a strong foundation in software design and system architecture. Specialized in Next.js, Node.js, and Laravel delivering scalable solutions across e-commerce, booking systems, and AI-powered platforms. Experienced in RESTful API design, database management, Docker, and cloud deployment. Passionate about writing clean code, taking full ownership of projects, and shipping products that make a real difference.



EDUCATION

Software Engineering, Woldya University

2022-2025

GPA: 3.5 / 4.0

Ethiopia, Addis Ababa



SKILLS

Frontend Development

React, Next.js, TypeScript; Tailwind CSS, HTML5, CSS3; Responsive & Mobile-First Design

Backend Development

Node.js, NestJS, Fastify, Express.js; Laravel, PHP; RESTful APIs, JWT Authentication

Databases: PostgreSQL, MySQL, MongoDB; Prisma ORM, Eloquent ORM;

Database Design & Optimization

DevOps & Deployment: Docker,

Docker Compose; CI/CD

Pipelines; Vercel, Render, Cloud

Deployment

Tools & Version Control: Git, GitHub; VS Code; Postman; Firebase, Clerk, Cloudinary

Architecture & Design Patterns: MVC, Clean Architecture; Component-Based Design; API-First Development



EXPERIENCE

Full Stack Developer (Web Application Development)

07/2025 – 10/2025

Worked as a Full Stack Developer at Barok Tech, contributing to client web application projects from frontend to backend. Built responsive interfaces using Next.js and Tailwind CSS, and developed scalable server-side logic with Node.js and Laravel. Designed and optimized database schemas using PostgreSQL and MySQL. Integrated third-party APIs, implemented authentication systems, and used Docker for containerization and deployment. Collaborated with the team to deliver production-ready solutions that met client requirements on schedule.

Full-Stack Developer – Learning Management Platform at Abyssinia Tech

Built a full-stack learning management system featuring a Next.js web application for students and an admin dashboard for managing learning materials. Admins can upload videos, notes, and exams, while students can access content, take quizzes, and track their progress. Implemented role-based authentication, secure REST APIs, and real-time notifications using Node.js with TypeScript and PostgreSQL. Applied clean architecture and CI/CD pipelines to ensure a scalable, maintainable, and production-ready platform.

Backend Developer(Node.js) at Horizon Technologies

11/2024 – 03/2025

Worked as a Full Stack Developer on an educational platform providing free online courses. Focused on building clean, scalable backend services using Node.js and TypeScript while also contributing to the frontend with Next.js. Collaborated with team members to design and implement REST APIs, optimize database queries with PostgreSQL, and improve overall system performance, ensuring a reliable and accessible experience for users from diverse backgrounds.



PROJECTS

CareerCraft AI – AI-Powered Career Coach



Built a full-stack AI career coaching platform using Next.js, Clerk authentication, Prisma ORM, and PostgreSQL. The platform enables users to build ATS-optimized resumes, generate personalized cover letters, practice mock interviews, and receive industry insights powered by AI. Implemented secure user authentication with Clerk, server-side data management with Prisma, and a clean responsive UI with Tailwind CSS. Deployed on Vercel with optimized performance and scalability for production use.



Eshop Ecommerce Website – Full-Stack Online Store

Developed a production-ready e-commerce platform using Next.js, MongoDB, and Cloudinary. Features include email verification, OAuth login, product reviews, wishlist functionality, coupon system, newsletter subscription, real-time stock updates, and a comprehensive admin panel for managing products, orders, and users. Implemented secure authentication, image optimization via Cloudinary, and a fully responsive shopping experience from cart to checkout.

RestoNext – Restaurant Management Platform



Built a modern full-stack restaurant management system using Next.js, TypeScript, Prisma ORM, and PostgreSQL. The platform handles online orders, table reservations, staff operations, payment processing, and business analytics all in one system. Designed a scalable relational database schema, implemented server-side rendering for performance, and delivered a clean, intuitive interface for both customers and restaurant staff.

Laravel Hotel Booking System



Developed a full-featured hotel booking system using Laravel, PHP, MySQL, and Docker. The system includes room management, availability tracking, reservation handling, and payment integration. Implemented MVC architecture with Laravel Eloquent ORM for clean database interactions, RESTful API endpoints for frontend communication, and Docker containerization for consistent deployment across environments.

Mini LinkedIn – Professional Networking Platform



Designed and developed a stunning AI chat application landing page using React, TypeScript, Tailwind CSS, and Vite. Features include smooth parallax scrolling effects, modern gradient animations, fully responsive layout, and optimized performance with Vite build tooling. Demonstrates strong frontend skills in animation, layout design, and responsive UI development.

AI Chat Landing Page – MindFlow



Built a production-ready Twitter-like mobile application using Flutter and Firebase. Implemented real-time feeds, authentication, tweet creation with media, likes, retweets, replies, bookmarks, and search. Designed a scalable, feature-first architecture with Provider-based state management. Integrated Firebase Auth, Firestore/Realtime Database, Storage, and FCM for real-time updates and notifications. Demonstrates strong Flutter, Firebase, and production-grade mobile development skills.

URL Shortener API – Fastify REST API



Built a high-performance URL shortening REST API using Fastify and Node.js, designed for speed and scalability. The API allows users to submit long URLs and receive shortened aliases, track redirect counts, and manage links efficiently. Leveraged Fastify's low-overhead architecture for optimal request handling performance. Implemented clean RESTful endpoint design, input validation, and structured error handling following API-first development principles.

Modern Landing Page Template – Next.js & Tailwind CSS



Developed a modern, responsive landing page template using Next.js, React, TypeScript, and Tailwind CSS, designed for SaaS products, startups, and portfolios. Implemented 10+ pre-built sections including hero, features, pricing, blog, testimonials, FAQ, and dashboard components. Integrated authentication (NextAuth), dark/light mode, animations (Framer Motion, AOS), and interactive UI elements for a production-ready web experience. Demonstrates expertise in frontend architecture, TypeScript, responsive design, and building reusable, production-grade web components.



CERTIFICATION

Completed the Udacity Nanodegree in Programming Fundamentals, gaining hands-on experience in core programming concepts, problem-solving techniques, algorithmic thinking, and software development foundations.

[check out my certificate](#) 

Completed the Udacity Nanodegree in Artificial Intelligence Fundamentals, gaining foundational knowledge in AI concepts, machine learning principles, neural networks, and modern AI-powered application development.

[check out my certificate](#) 

Completed the Udacity Nanodegree in Android Developer Fundamentals, gaining hands-on experience in building Android applications, UI design, core mobile development principles, and Android SDK practices.

[check out my certificate](#) 

Completed the Udacity Nanodegree in Data Analysis Fundamentals, gaining practical skills in data collection, cleaning, visualization, statistical analysis, and deriving actionable insights from real-world datasets.

[check out my certificate](#) 