

HENOK TILAHUN

Senior Full Stack Engineer

📍 Addis Ababa, Ethiopia | ✉️ henoktilahun363@gmail.com | ☎️ +251-925409402
🔗 LinkedIn: [linkedin.com/in/henok-tilahun-01a294393/](https://www.linkedin.com/in/henok-tilahun-01a294393/) | GitHub: github.com/heni8668

PROFESSIONAL SUMMARY

Frontend-focused Full Stack Engineer with 4+ years of experience building scalable, high-performance web applications using React, TypeScript, Next.js, and the MERN stack. Specialized in frontend architecture, reusable UI systems, real-time applications, performance optimization, and API integration.

Experienced delivering production-grade platforms across logistics, e-commerce, marketplace, fintech, and e-learning systems. Strong background in third-party payment integrations including **CBE Birr Mini App integration**, real-time systems using WebSockets and Google Realtime APIs, role-based platforms, and modern UI engineering. Passionate about clean code, scalable architecture, and exceptional user experiences.

❖ TECH STACK

- ❖ **Frontend:** React.js, TypeScript, Next.js, Vite, Redux Toolkit, Zustand, React Router, React Hook Form, Axios, TanStack Query
- ❖ **UI & Styling:** Tailwind CSS, Material UI, Styled Components, CSS Modules, Framer Motion, Responsive & Mobile-First Design
- ❖ **Backend:** Node.js, Express.js, MongoDB, Mongoose, REST APIs, JWT Authentication, Socket.io, Firebase Admin SDK
- ❖ **Realtime & Integrations:** WebSockets, Socket.io, Google Realtime API Integration, CBE Birr Mini App Integration, Third-Party API Integration
- ❖ **Testing:** Jest, React Testing Library, Vitest, Unit & Integration Testing
- ❖ **DevOps & Cloud:** Docker, GitHub Actions, AWS EC2, AWS S3, Vercel, Netlify, CI/CD

Tools: Git, GitHub, Postman, Swagger, ESLint, Prettier, Husky, Jira, Agile/Scrum

Additional: GraphQL (Basic), Lighthouse Optimization, Accessibility (WCAG), SEO Optimization, Cross-Browser Compatibility

CORE ENGINEERING SKILLS

Component-Driven Architecture • Reusable UI Systems • Custom Hooks • Type-Safe Development • Performance Optimization • Lazy Loading • Code Splitting • Responsive Design • Accessibility Best Practices • Real-Time Systems • API Integration • Third-Party Platform Integration • Clean Architecture

PROFESSIONAL EXPERIENCE

ADIAMAT TRADING PLC — Senior Full Stack Engineer Lead Developer

Addis Ababa, Ethiopia | Aug 2025 – Present

- ❖ Led frontend architecture and development for a multi-role logistics and car rental platform.
- ❖ Reduced frontend load times by **30%** using code splitting, lazy loading, and rendering optimization.
- ❖ Built a real-time job tracking dashboard using Socket.io.
- ❖ Implemented role-based UI rendering and protected route systems.
- ❖ Developed reusable component systems across **15+ modules**.
- ❖ Integrated Firebase Google Authentication and Santimpay OTP verification.
- ❖ Collaborated with backend teams to optimize API contracts and reduce unnecessary data fetching.
- ❖ Achieved Lighthouse scores above **90** in Performance and Accessibility.

Tech: React, Vite, Redux Toolkit, Tailwind CSS, Socket.io, Firebase, Docker

WEYRA TECH — Frontend Developer

Addis Ababa, Ethiopia | Jan 2025 – Oct 2025

- ❖ Developed modern applications including **Tele Temari** and **Adgo Marketplace** using React, Next.js, and TypeScript.
- ❖ Integrated AI-powered educational content generation using ChatGPT APIs.
- ❖ Successfully integrated and deployed a Mini App within the **CBE Birr Mini App platform**, ensuring ecosystem compatibility and seamless user experience.

- ❖ Implemented Google Realtime API integrations for live application features and real-time data synchronization.
- ❖ Improved Next.js performance using ISR, image optimization, and bundle reduction strategies.
- ❖ Built responsive interfaces optimized for mobile, tablet, and desktop devices.

Tech: React, Next.js, TypeScript, Tailwind CSS, REST APIs, Google Realtime APIs

MAZIV ENGINEERING PLC — Full Stack Developer

Addis Ababa, Ethiopia | Aug 2023 – July 2025

- ❖ Developed workflow automation and internal management systems.
- ❖ Built a real-time task management platform for operational tracking.
- ❖ Supported testing, debugging, and continuous system improvements.

Tech: React, Node.js, Express.js, MongoDB, Socket.io

EFOYITA E-COMMERCE PLC — Full Stack Developer

Addis Ababa, Ethiopia | Jun 2021 – Aug 2023

- ❖ Built scalable e-commerce features for vendors and customers.
- ❖ Reduced MongoDB query times from **3s to under 1s** through aggregation optimization.
- ❖ Implemented JWT authentication and role-based access control systems.
- ❖ Managed deployments on AWS EC2 and Apache servers with high uptime.
- ❖ Developed RESTful APIs and collaborated across frontend and backend teams.

Tech: React, Node.js, Express.js, MongoDB, AWS EC2

SELECTED PROJECTS

Adiamat Logistics Platform

Multi-role logistics platform with real-time job tracking, OTP authentication, reusable UI systems, and analytics dashboards.

Tele Temari

E-learning platform featuring AI-generated quizzes, optimized Next.js performance, and responsive multi-role interfaces.

Adgo Marketplace

Marketplace platform with supplier-to-advertiser workflows and responsive product catalog systems.

Tender Management System

Subscription-based platform with role management, task management, and real-time messaging systems.

Stock Management System

Multi-location inventory and sales management system with centralized inventory tracking and real-time updates.

EDUCATION

Bachelor of Science in Electrical & Computer Engineering (Computer Stream)

Woldia University | 2015 – 2021

CERTIFICATIONS & LEARNING

- Advanced React Patterns — Frontend Masters (*In Progress*)
- TypeScript Deep Dive (*In Progress*)
- AWS Certified Developer Associate (*Planned*)

LANGUAGES

- Amharic — Native / Bilingual
- English — Professional Working Proficiency

REFERENCES

Michael Yimer — CEO, Maziv Engineering PLC