

# Firaol Tesfaye

## Fullstack Developer

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Motivated and detail-oriented Fullstack Developer with strong skills in building scalable web applications using modern frameworks and tools. Experienced in frontend (React, Next.js, Tailwind CSS, DaisyUI) and backend (Node.js, Express.js, Nest.js) development, with hands-on knowledge of relational and non-relational databases. Skilled in AI integration for web applications, delivering intelligent and user-focused features. Adept at problem-solving, collaborating in agile teams, and delivering user-friendly, secure, and efficient solutions. Passionate about continuous learning and crafting impactful digital experiences.

## Education

### Addis Ababa Science and Technology University (AASTU)

Jul 2022 - Jun 2026

Bsc Software Engineering

Minor: Data Structures, Web Development, Database Systems, Software Engineering

GPA: 3.20/ 4.0

## Projects

### Netflix Clone

Jan 2025 - Mar 2025

I built a responsive Netflix-inspired web application using React.js and CSS. The app integrates Axios for fetching dynamic movie data and is deployed on Firebase Hosting for fast and reliable performance. With a modern, mobile-friendly UI, smooth navigation, and API-driven features, Firflix demonstrates my ability to build scalable, interactive, and user-focused web applications.

### Expense Tracker AI

Mar 2025 - May 2025

Built an AI-powered expense tracker using Next.js, Tailwind CSS, Clerk authentication, and Neon database. Enabled users to monitor, categorize, and visualize expenses with intelligent tracking features.

### Sleep Tracker AI

May 2025 - Jun 2025

Developed an AI-powered sleep tracking web application using Next.js 15, Tailwind CSS, Neon (PostgreSQL cloud database), and Clerk for authentication. The platform enables users to log and analyze their sleep patterns, with AI-generated insights and actionable tips to improve sleep quality.

### Lets Talk

Jun 2025 - Aug 2025

A full-stack video conferencing app inspired by Zoom. Developed with Next.js 15, TypeScript, Clerk and modern web technologies, the app enables real-time communication with a seamless, scalable design.

## Work Experience

- Frontend Development: Component-based UI design, responsive layouts, state management, and UI/UX best practices.
- Backend Development: RESTful API design, server-side logic, authentication, and middleware integration.
- Database Management: Designing schemas, optimizing queries, handling relational and non-relational databases.
- Version Control & Collaboration: Using Git/GitHub for versioning, collaborating in Agile teams, and participating in code reviews.
- Testing & Debugging: Identifying and fixing bugs, performing unit and integration testing, and ensuring code reliability.
- Deployment : Hosting applications on platforms on Vercel, and configuring environments.
- Problem-Solving & Critical Thinking: Breaking down complex problems, implementing efficient solutions, and optimizing application performance.
- Soft Skills: Communication, teamwork, and working in Agile environments.

## Languages

English (*Professional*), Amharic (*Native*)

## Core Skills

**Frontend:** React.js, Next.js, Tailwind CSS, DaisyUI

**Backend:** Node.js, Express.js, Nest.js

**Databases:** MySQL, MongoDB, Prisma

**AI Integration:** Intelligent tracking, AI-powered analytics, smart app features

**Tools:** VS Code, GitHub, Neon, Stripe

**Other:** REST APIs, Authentication, Payment Integration

### SOFT SKILL:

Problem-Solving & Critical Thinking Team Collaboration (Agile/Scrum) Strong Communication Skills  
Adaptability & Quick Learning Time Management & Prioritization Creativity & Attention to Detail