

## TIBEBU DEREJE HAILU

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### SUMMARY

Results-driven Full Stack Developer and Software Engineering student with hands-on experience building scalable AI-powered e-commerce and streaming platforms. Strong expertise in backend architecture, secure payment integration, role-based authentication systems, and optimized database design. Passionate about DevOps practices, cloud deployment, and delivering secure, production-ready applications focused on performance and business value.

### TECHNICAL SKILLS

Programming: JavaScript (ES6+), TypeScript, Python, SQL

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

Backend: Node.js, Express.js, REST APIs

Database: PostgreSQL, MySQL

ORM: Prisma

Authentication: Clerk, JWT

Payments: Stripe API, Chapa API

DevOps & Tools: Linux, Git, GitHub, CI/CD (Basics), Docker

### PROJECT EXPERIENCE

#### AI-Powered E-commerce Platform (2024 – Present)

- Developed a full-stack AI-driven marketplace platform.
- Implemented subscription system with Stripe and Chapa integration.
- Designed admin dashboard with analytics and payment tracking.
- Built RESTful APIs using Express.js and Prisma ORM.
- Designed optimized PostgreSQL database schema.
- Integrated Clerk authentication with role-based access control.

### Movie Streaming Platform

- Built subscription-based streaming platform with secure authentication.
- Implemented watchlist, favorites, and viewing history systems.
- Developed admin analytics dashboard with real-time statistics.
- Integrated secure payment system and subscription management.

### University Clearance Management System

- Designed multi-role approval workflow system.
- Managed large-scale student record database.
- Built secure backend APIs with validation and role-based access control.

### EDUCATION

Bachelor of Science in Software Engineering

Woldia University – Ethiopia

Expected Graduation: 2026

### LANGUAGES

English – Professional Working Proficiency

Oromo – Native

Amharic – Native