



BAREKEGN ASEFA

SOFTWARE ENGINEER

CONTACT

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Addis Ababa, Ethiopia

[Visit my site](#)

EDUCATION

2022 - 2026

HARAMAYA UNIVERSITY

- Bachelor of Software Engineering

2022 - 2023

EVANGADI TECH

- MERN STACK web Application Development

SKILLS

- Full-Stack Development
- Database Design
- Real-Time Systems
- Admin Dashboards
- API Design
- Authentication Systems
- Payment Processing
- Cloud Deployment
- Team Leadership

LANGUAGES

- English (Fluent)
- Amharic (Native)

PROFILE

Full-Stack Systems Engineer with 3+ years of experience building **production-grade** platforms for institutions and government organizations. **Specialized** in designing complex multi-role systems, admin dashboards, and analytics platforms serving 200+ concurrent users. Proven track record of delivering scalable solutions that reduce operational overhead by 40% and improve system efficiency by 25%.

WORK EXPERIENCE

MinT Project Management System

Full-Stack Developer 2024- 2025

- Implementing complex role-based permissions with hierarchical access control
- Designing scalable data models for nested project structures
- Ensuring real-time synchronization across multiple concurrent users
- Building comprehensive audit trails for government compliance

HU Freshman - AI Academic Platform

Full-Stack Developer | AI Integration 2025 - 2026

- AI-powered platform serving 2000+ freshman students
- Mock exam engine with 500+ questions and auto-grading
- RAG Based AI study assistant
- GPA calculator with predictive analytics
- Impact:** 30% improvement in exam scores, 20% reduction in failures

ShopVerse - E-commerce Platform

Full-Stack Developer | Firebase 2025- 2026

- Complete e-commerce platform with Stripe payment processing
- Admin dashboard for product, order, and inventory management
- Responsive design across all devices
- Real-time order tracking and customer management
- Impact:** Full-stack capabilities from frontend to payment processing

HU Connect - University Knowledge Platform

MERN Stack Developer 2025- 2026

- Designing reputation algorithm that accurately reflects contribution quality
- Building scalable real-time notification system for thousands of users
- Implementing effective spam prevention and content quality controls
- Balancing moderation efficiency with community self-governance