

Kubsa Melkamu Etefa

Full-Stack Software Engineer · Backend · Frontend



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CONTACT

✉ kubsamlkm@gmail.com
☎ +251 910 909 217
📍 Addis Ababa, Ethiopia
🌐 kubsamelkamu.dev
🌐 linkedin.com/in/kubsa-me...
🌐 github.com/kubsamelkamu

TECHNICAL SKILLS

Languages

TypeScript · JavaScript · Python

Frontend

Next.js · React.js · Tailwind CSS · Three.js

Backend

NestJS · Node.js · Express.js

Mobile

React Native · Expo

Databases

PostgreSQL · MongoDB · Redis

Real-Time

Socket.IO · WebRTC

Tools

Git · Docker · Prisma · Jest · Swagger

Cloud

Vercel · Heroku · Render · Cloudinary

ML/Data

scikit-learn · Pandas · NumPy · Flask

LANGUAGES

Afan Oromo Native

English Proficient

Amharic Conversational

PROFESSIONAL SUMMARY

B.Sc. Software Engineering graduate from Haramaya University with proven, hands-on experience designing and shipping production-grade web, mobile, and real-time systems. Skilled across the full stack — TypeScript, Next.js, NestJS, React Native, PostgreSQL, and Socket.IO — with a track record of leading backend development on live commercial platforms serving real users across Africa. Passionate about clean architecture, scalable systems, and building software that creates tangible impact. Open to full-stack, backend, and frontend engineering roles locally and remotely.

WORK EXPERIENCE

Backend Developer (Part-Time)

Oct 2025 – Jan 2026 · 4 months

BeLight Software Development Works P/L/C Remote

- Collaborated with a cross-functional team to architect and develop 7Net (7netmarket.com), a live B2B e-commerce marketplace connecting industrial buyers with verified vendors across Africa.
- Designed and implemented RESTful APIs, vendor management modules, multi-category product listings, and quotation-request workflows using NestJS and MongoDB.
- Contributed to system scalability decisions supporting 50+ active buyers and 500+ verified vendor listings at launch.

Software Engineering Intern

Jun 2025 – Sep 2025 · 3 months

BeLight Software Development Works P/L/C Addis Ababa, ET

- Led backend development for Maalifu, a full-featured e-commerce platform, using Node.js, NestJS, and MongoDB.
- Designed database schemas, built product and order management APIs, and implemented authentication flows.
- Completed the 3-month program with a Certificate of Achievement for dedication and excellence.

EDUCATION

B.Sc. Software Engineering

Sep 2021 – Jun 2026

Haramaya University Haramaya, Ethiopia

CGPA: 3.53

Relevant Coursework: Data Structures & Algorithms · Software Architecture · Database Systems · Computer Networks · Operating Systems · Machine Learning · Mobile Computing

HACKATHON & COMPETITIONS

Cursor Hackathon East Ethiopia 2026

Mar 27–28, 2026

- Participated in a competitive 2-day regional hackathon hosted by Cursor, recognized for creativity, enthusiasm, and collaborative engineering spirit.

- **Agile Project Management**
Google · Apr 2026
- **Developing Front-End Apps with React**
IBM · Dec 2025
- **Intro to Software Engineering**
IBM · Nov 2025
- **React Basics**
Meta · Nov 2025
- **Version Control**
Meta · Oct 2025
- **Programming with JavaScript**
Meta · Oct 2025
- **EDA for Machine Learning**
IBM · Aug 2025

AREAS OF EXPERTISE

- REST API Design
- Real-Time Systems
- Multi-Tenant SaaS
- Mobile Development
- Database Architecture
- Agile / Scrum
- B2B E-Commerce
- WebSocket Integration

FEATURED PROJECTS

Academia — Academic Project Management SaaS Full-Stack Developer

- Next.js
- NestJS
- TypeScript
- PostgreSQL
- Redis
- Socket.IO
- Prisma
- Bull
- academia.et

- Built a multi-tenant SaaS platform for universities to manage capstone projects end-to-end — proposals, milestones, evaluations, and final grades — with role-based dashboards for students, advisors, and admins.
- Implemented real-time notifications via Socket.IO, background job queues with Bull/Redis, and file uploads via Cloudinary. Live at academia.et.

Rentify — Full-Stack Property Rental Platform Full-Stack Developer

- Next.js
- NestJS
- TypeScript
- PostgreSQL
- Socket.IO
- Redux
- Chapaify.vercel.app

- Developed a complete property rental platform with role-based dashboards (admin, landlord, tenant), real-time in-app messaging, and integrated Chapa payment gateway.
- Built companion React Native + Expo mobile app with live property updates and role-based navigation flows.

Fake News Detection & Stock Price Predictor ML Developer

- Python
- scikit-learn
- NLP
- TF-IDF
- Pandas
- Flask
- Render

- Built an NLP pipeline to classify news as real or fake using TF-IDF vectorization and supervised ML; deployed a stock price predictor with a Flask web interface on Render.

REFERENCES

Available upon request. Verifiable certificates and project demos at kubsamelkamu.dev