Antenhe Sileshi Kasaya

About Me

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Professional Summary

💬 Enthusiastic and detail-oriented Full Stack Developer with hands-on experience in developing scalable web, mobile, and desktop applications. Skilled in backend development with NestJS and Golang, and passionate about AI, particularly AI agents and intelligent systems. Known for delivering clean, maintainable code and solving complex problems in fast-paced environments. Eager to join an innovative team where I can grow and contribute to impactful software solutions.

Technical Skills

• **Languages:** TypeScript, JavaScript, Go, Python, C++, Java
• **Backend:** NestJS, Node.js, Express.js, Golang
• **Frontend:** React.js, Next.js, Flutter
• **Databases:** PostgreSQL, MongoDB
• **Tools:** Git, Docker, Swagger, Postman
• **Others:** REST APIs, GraphQL, Microservices, CI/CD, Docker Compose

💬 **Backend Developer** – Perago Information System
📅 March 2024 – October 2024
• Resolved backend bugs and issues as assigned across large-scale production systems.
• Contributed to scalable backend systems using NestJS and PostgreSQL.
• Collaborated with senior engineers to troubleshoot and improve system performance.

Certifications

• **Machine Learning** – Coursera (Stanford University)
• **Deep Learning Specialization** – Coursera (Andrew Ng)
• **Backend Development (Node.js)** – Simplilearn
• **Full Stack Development** – Ethio Coder
• 🏆 **Best Project Award**, Debre Markos University

Projects

1. Attendance & Payroll Management System for DMU
Tech Stack: NestJS, PostgreSQL, Docker, Flutter, Next.js

• Built multi-platform (web, mobile, desktop) attendance system with biometric and QR integration.
• Enabled offline attendance syncing and auto payroll calculation.

2. Student Placement System for DMU
Tech Stack: NestJS, PostgreSQL, Docker, Next.js

• Developed a backend system that automates student job placement based on GPA, department, and company criteria.

3. Navigation System for DMU
Tech Stack: NestJS, PostgreSQL, Google Maps API, Flutter, Next.js

• Created a smart navigation tool for students and visitors to locate departments and services on campus.

4. PC Registration System for DMU
Tech Stack: Node.js, PostgreSQL, Docker, React

• Designed a secure PC registration system for university assets with tracking and admin approval features.

5. Driving License Information System (Java & PHP)

• Developed versions using both Java and PHP for license validation and issuance workflows.

6. Image Classification AI Model

• Trained ML models to classify images using TensorFlow and Python with UI integration for testing.

7. House Price Prediction System

• Implemented regression models to estimate real estate prices using Python and Scikit-Learn.

8. AI-Powered Job Matching Platform

• Designed a platform that matches job seekers to jobs based on skillset and job description using NLP.

9. AI Assistance using Grok API

• Integrated Grok API to create an intelligent assistant capable of answering contextual queries.

Education

• Bachelor of Science in Software Engineering

• **Debre Markos University (DMU)** – Expected Graduation: 2025

• **GPA: 3.61**
• **Relevant Courses:** Data Structures, Algorithms, Operating Systems, Distributed Systems

Languages

• Amharic: Native
• English: Fluent

Achievements

• 🥇 1st Place – DMU Hackathon 2024
• 🎯 Delivered 3 major campus-wide systems (Attendance, Navigation, Placement)