YONATHAN WONDOSEN

SENIOR SOFTWARE ENGINEER

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🌐 https://yonathan.com.et

PROFILE

Hey! My Name is Yonathan Wondosen. I'm a senior **full-stack** software developer based in Ethiopia. I work extensively with **React/Next.js, TypeScript, Tailwind, Python (Django, Flask), Node/Express, SQL and NO-SQL Databases,** building efficient, scalable, and user-friendly software solutions.

In addition to full-stack development, I have hands-on experience with **DevOps** practices, including **Docker** containerization, deploying and managing applications on **AWS** and **VPS** environments, and implementing **CI/CD** pipelines using **GitHub Actions** to automate testing, building, and deployment processes.

WORK EXPERIENCE

2025 - 2025 . Contractual **.** Remote
Akilo Technology - HongKong China
AI Focus Back-end Engineer, RAG Development

- I worked on a **RAG AI Chat bot Development** that integrates a Large Language Model (**LLM**) with MongoDB **vector search**. I used embeddings to store and retrieve relevant documents based on user queries with **HNSW** Algorithm. The retrieved context is then passed to the **LLM** to generate accurate, context-aware responses.

2025 March - 2025 Nov . Full-time . Hybrid
EtPay-Rent PLC, Addis Ababa Ethiopia
Fullstack Software Engineer

- Development and Maintenance of the system
- Telebirr and other payment gateways integration.
- Conducting relevant research.

2024 - PRESENT . Volunteer **.**
Ethiopian Kidney Care NGO - Addis Ababa Ethiopia
Technology Officer

- Led development of multiple high-impact projects with Technology and overall IT management.
- Implemented new features that increased user engagement in existing web applications.

SKILLS

- Project Management
- Teamwork
- Time Management
- Effective Communication

EDUCATION

UNITY UNIVERSITY 2022 - 2026
- BSc in Computer Science

CERTIFICATION

- Python Django Web Framework
  META • Coursera
- Supervised Machine Learning
  Stanford University • Coursera
- RAG (Retrieval Augmented Generation)
  DeepLearning.AI•Coursera

LANGUAGES

- English
- Amharic
- Oromo (basic)