Abenezer Alebachew Endalew

Software Engineer | Python | Django | Flask | NodeJS | MERN

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✏ Description

A passionate Software Engineer focused on solving real-world problems and providing tangible value through technical expertise, insatiable hunger for learning, and unwavering discipline to achieve goals.

💼 Professional Experience

Backend Development Intern, *Gumiapps* ↗   2024/12 – 2025/03 | Ethiopia

- Helped build a Saas platform that is aimed to be used by pharmacies
- Implemented a user registration and secure authentication system for the Saas
- Implemented business management system with permission-based access based on role
- Implemented a customer relations management system with gift card feature
- Implemented item filtering in the inventory system and utilized Postgres full-text search feature to implement search for the inventory

📂 Projects

VERSEWise RAG Based Biblical Chatbot,   2024/10
A chatbot built to provide answers to biblical questions ↗

- I built a flask backend of the CMS that allows admins to provide content that is used as a reference for the RAG framework.
- I utilised Rabbit MQ as a message broker to send messages to the RAG service on changes that occur in the MySQL database of the CMS.
- I implemented a user management system that enforces user access control based on Admin, editor and regular user roles for different API endpoints
- I implemented a feature for users to comment on the added content
- I dockerized the CMS backend service and made it available through docker-compose.

https://versewise.io ↗ https://t.me/VerseWiseBiblicalBot ↗ . CRU-RAG ↗ github project Web app ↗ web app interface to chat with VERSEWise

Peniel International Church Website,   2024/07
A website built to fundraise for a building project the Church was undertaking ↗
I built the website of Peniel International Church using React.js with Tailwind CSS for styling.

- I integrated Chapa as a payment gateway to recieve donations for the building project of the Church.
- I designed the website to be responsive on both mobile devices and large screens.
- I used framer-motion to provide a smooth scrolling experience for the website

https://penieladdis.org ↗

🧠 Skills

Programming Languages	Frameworks and Libraries	Databases	Tools and Environments
Python, JavaScript, TypeScript	Django, Django Rest Framework, Flask, Express, React (with Vite)	PostgreSQL, MySQL, MongoDB, Redis	Docker, Rabbit MQ, Linode, Linux, CPanel

🎓 Education

BSc Computer Science, *Addis Ababa University* ↗   2023/09 – present | Addis Ababa, Ethiopia
- Currently pursuing a bachelor's degree in Computer Science as a 3rd year student

ALX Software Engineering Program, *Holberton School | ALX Africa* ↗   2023/03 – 2024/10
- Completed a year long intensive Software Engineering program and built impressive projects along the way