



# Abenezer Alebachew Endalew


Junior Software Engineer | Python | MERN | Flask

 <https://abeni-al7.github.io>

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 [github.com/abeni-al7](https://github.com/abeni-al7)

## Description

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A passionate and driven Software Engineer eager to learn and pick up new technologies and frameworks quickly and independently.

## Projects

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2024/10


### VERSEWise RAG Based Biblical Chatbot


*A chatbot built to provide answers to biblical questions*

I helped build a RAG based chatbot as part of the Hack Addis 2024 hackaton hosted by Great Commission Ethiopia.

- I built the backend of the Content Management System that allows admins to provide content that is used as a reference for the RAG framework with Flask.
- I connected all the content management happening in the relational database of the CMS to the Vector Database that is used by the RAG framework using Rabbit MQ as a message broker to send the information to the service that updates the Vector database based on the content in the relational database I designed.

Our team won the hackathon and we are working on making the product public

CRU-RAG  [github project](#)

Web app  [web app interface to chat with VERSEWise](#)

2024/07 – present

### Peniel International Church Website

*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 gateway to receive 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

2024/09

### Online Learning Platform

*A web application built with Flask*

I built an Online Learning Platform with a bootstrap frontend and a flask backend with user authentication, and database functionalities for account and courses storage. I have posted its demo to youtube. And I will soon deploy it.

2024/05

### TutorConnect

*A mobile app built with Flutter*

I built TutorConnect for Android devices with real-time messaging, third-party authentication, profile building features to enable tutors and students to connect. I have posted its demo video on youtube.

2023/05

### AirBnB clone

*Built with Flask*

I built the clone of the backend of the AirBnB with user authentication, database integration, and a simple user interface using Python Flask. I have pushed the project to github

## Skills

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Python

HTML

CSS

JavaScript

Flask

MySQL

MongoDB

Redis

RestAPI


NodeJS

## Education

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2023/09 – present  
Addis Ababa, Ethiopia

### **BSc Computer Science**

*Addis Ababa University* 

I am a 3rd Year student specializing on my software engineering skills with a keen interest in python

## ExtraCurricular

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2024/10 – 2024/10

### **Accenture UK Developer and Technology Virtual Experience Programme on Forage - October 2024**

- Completed the Developer and Technology Job Simulation where I developed an end to end understanding of the Software Development Lifecycle.
- Conducted in-depth research into emerging technology trends, particularly in the field of DevOps, demonstrating a proactive approach to staying informed about the rapidly evolving tech landscape.
- Created and delivered a compelling PowerPoint presentation analysing and comparing Waterfall and Agile methodologies.
- Designed a custom algorithm using pseudocode and effectively communicated its logic by creating a detailed flow diagram.
- Debugged a program written in Python by fixing syntax and logic errors in the code.