

Kaleab Alemayehu

Web / Telegram Bot / Full Stack Developer

Bole

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EXPERIENCE

Minab IT Solutions, Addis Ababa / Ethiopia — *Full Stack Developer Intern*

June 2024 - PRESENT

Design and implement a robust web-based administration panel that streamlines blog and project management, staff allocation, reporting, and messaging, significantly enhancing operational efficiency and reducing administrative burdens for the company.

Kuraz Technologies, Addis Ababa / Ethiopia — *Backend Developer Intern*

June 2024 - Sep 2024

During this time, I developed a versatile payroll management system, designed to streamline operations for businesses of all sizes. The system efficiently handles payroll calculations, tax withholdings, direct deposit, and employee benefits, providing a comprehensive solution for managing employee compensation.

Nerds, Bahir Dar / Ethiopia — *Full Stack Developer*

June 2022 - Jan 2023

Together with my friends, I founded a programming group, 'Nerds,' dedicated to collaborative project development, motivation, and troubleshooting. We meet daily for at least three hours to work on shared projects and provide peer support. To foster individual growth, we conclude each week with presentations of our personal projects.

Personal Projects, Addis Ababa / Ethiopia — *Full Stack Developer*

June 2020 - PRESENT

My programming journey began with a curious attempt to 'hack' a Telegram account, which unexpectedly ignited a passion for cybersecurity. This experience led me to explore Linux, a powerful operating system that quickly became my preferred choice. My coding adventure continued with Python, and I subsequently delved into the JavaScript ecosystem, mastering its intricacies through school projects involving C, C++, Java, and PHP. Recently, I've been exploring Go and am thoroughly enjoying its capabilities.

Tech Stack

Language: Javascript, Typescript, Golang, C++, C, Python.

Framework: Vue.js, Nuxt.js, Gin, Express.js, Grammy.js.

Other Technologies: Hasura, Vee-validated, Mongoose.

Database: Postgresql, Mysql, MongoDB.

Development Tools: Linux, Docker, Vite, Webpack.

API Development & Testing: Postman, Insomnia, Thunder Client.

Other Tools: Vim, Figma, VS Code.

LANGUAGES

Amharic – Native

English – Fluent

EDUCATION

Bahir Dar University, Bahir Dar / Ethiopia — Software Engineering Degree

June 2021 - Present

I am a final-year Software Engineering student at Bahir Dar University, scheduled to graduate within this academic year.

PROJECTS

Foodopia — Food Recipe Sharing Site

This project was developed to showcase my skills and secure an internship position at Minab IT Solutions. I utilized a tech stack consisting of Nuxt.js, Apollo, Hasura, Gin/Golang, and Vee-validate to demonstrate my proficiency in full-stack development.

AudioGet — AudioBook Downloader Telegram Bot

As a passionate book lover, I've developed a Telegram bot to streamline audiobook downloads. Despite enjoying the traditional experience of reading physical books, I recognize the convenience of audiobooks. The bot, built using the Grammy.js framework, offers a user-friendly interface for effortlessly accessing and downloading your favorite titles.

Stock G — Google Stock Predictor Desktop Application

As part of a group project, I independently developed a desktop application using PyQt5 to demonstrate machine learning principles. The application leverages scikit-learn to train a model on stock data and predict closing prices. Matplotlib is employed to visualize the model's performance and the relationship between variables.

SubGet — Subtitle Downloader CLI Tool For Movies

This command-line tool streamlines the process of downloading English subtitles for movies or TV shows. By simply providing the movie name or file path, the tool utilizes the OpenSubtitles API to search and download the most relevant subtitles, ensuring a seamless and convenient viewing experience."

Define — A Google Dorking-Inspired Command-Line Tool

A CLI Dictionary aims to replicate the functionality of the "Define" keyword on Google Dorking, providing users with quick and easy definitions of words directly from the command line. This can be particularly useful for developers, writers, or anyone who frequently needs to look up definitions while working.