

Mohamed Elhefni

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Summary

A passionate Software engineer who loves to learn more about internals and have solid knowledge about OS, Networking and Databases to build high scale, distributed applications to serve millions of users

Professional Experience

Software Engineer

01/2022 – present

Trackxy

- Implemented Trie Datastructure and I created GO Ar-Trie Package
- Owned a web service that works with shopify as a plugin that aims to improve the quality of shipping addresses for stores
- Implemented a Lookup system that handles all Egypt admin areas geojson files
- Implemented a full functional dashboard with clean UI that have multiple users and integrates with real time tracking service with custom REST api written in GO
- Implemented a GPX parser and published it on npm
- Investigating into the best geocoding service and tried to build custom geocoding service by using meilisearch search engine with open street map data

Projects

Kindle Books

Stack: Tailwindcss, Vue.js, Node.js, MongoDB

- a website that allows you to search and download e-books with various types like(pdf,epub,azw3)
- I made a python script that runs on google cloud and downloads the books from the telegram channel and uploads it to my GoogleDrive

Link: <https://kindlebooks.netlify.app/> 🌐

Code: <https://github.com/mohamedelhefni/kindlebooks> 🌐

Telegram Audio Streaming

Stack: Telethon, Quart, Vue.js, Vuex, Tailwindcss

- a website that use Quart and telethon in back-end to stream audio files from telegram channels
- I built a custom audio player that handles the back-end stream

Code: <https://github.com/mohamedelhefni/telethon-audio-streaming> 🌐

Link: <https://audiobooks.netlify.app/> 🌐

Skills & Technologies

Languages (GO, Python, Javascript, C/C++, PHP7, SQL)

Technologies & Frameworks (Node.js, Flask, Docker, Linux, SQL, Tailwindcss, Vue.js, postgres)

Education

Bachelor Of Computer Science

Menofia University

09/2020 – 09/2024

Menofia, Egypt