Thanyasit Lieamsiriwong

Bangkok, Thailand| opp.thanyasit@gmail.com |Working Hours: Flexible. Open to EU or US time zone
https://thanyasit.dev | https://github.com/opplieam | https://www.linkedin.com/in/thanyasit-l/

SUMMARY

I am an experienced Web-Scraping developer transitioning into a Backend engineer role using Golang. I have expertise in data extraction, automation, managing complex APIs, and reverse engineering. These skills are highly relevant to backend tasks such as API development, data management, and working with distributed systems. Please take a look at the projects I've completed for practical examples of my work with Go.

SKILLS

Web-Scraping: Python - Scrapy, Splash, Playwright (headless browser), Asynchonus, Reverse Engineer
Backend: Go (Golang), Goroutine, Blockchain, SQL, Postgres, REST, gRPC, SSE, NATs, OTel, Distributed System, Raft
DevOps: Docker, Kubernetes, Helm, ArgoCD, Githubs Actions, Terraform
Cloud: Google Cloud, GKE, AWS, Lambda, SQS, Supabase
Frontend: Typescript - React, Playwright (E2E Testing) | **Trading:** C#
Languages: Thai - Native | English - Limited Working Proficiency C1 https://cert.efset.org/QLgqbo

EXPERIENCE

Freelance   Remote
Python Developer (Web-Scraping)   Aug 2019 – Present
- Developed a web crawler using the Scrapy framework, Splash, and Playwright.
- Consulted and designed a scalable web scraping project.
- Delivered data/dataset to the client.
- Reversed engineer to understand how the website works.
- Implemented task automation based on client requirements.

Zyte (Formerly Scrapinghub)   Remote Worldwide
Python Developer (Web-Scraping)   Sep 2013 – Jun 2018
- Developed a web crawler using the Scrapy framework and deployed it on the Zyte cloud platform.
- Experienced with various websites crawling from doctor to e-commerce.
- Involved with a large-scale web crawling project.

Diversition   Bangkok, Thailand
Python Developer (Web-Scraping)   Jun 2013 – Jul 2013
- Developed an internal web crawling framework from scratch including a bot script to crawl for specific sites.

PERSONAL PROJECTS

Buy Better System | https://github.com/opplieam/buy-better   2024
This document serves as the entry point for the Buy Better System. The system comprises nine sub-repositories and employs a technology stack that includes Go, TypeScript, Kubernetes, Terraform, and other technologies.
- **Distributed Notification System** | A stateful distributed notification system written in Go, leveraging Raft for resilience, strong consistency, and fully Kubernetes-ready. | https://github.com/opplieam/bb-dist-noti
- **Data Transformation Tool** | A Go-based serverless application on AWS Lambda that leverages SQS and Terraform to convert database data into ready-to-use machine learning datasets.| https://github.com/opplieam/bb-transform
- **Admin Backend** | A stateless REST API developed in Go, utilizing a PostgreSQL database, and designed for production in a Kubernetes environment. | https://github.com/opplieam/bb-admin-api
- **Kubernetes Infrastructure** | This repo centralizes k8s resource files and Terraform configurations for GKE. It utilizes ArgoCD as part of the CI/CD pipeline to automate the deployment. | https://github.com/opplieam/bb-k8s-infra

Facebook Crawler | https://github.com/opplieam/FacebookCrawler   2024
- A web crawler designed for Facebook pages has been developed utilizing the Scrapy framework, which is written in Python.

CTrader Algorithm Trading and Indicators | https://github.com/opplieam/ctrader-bot-indicator   2022
- Developed custom indicators and algorithm trading using C# on the CTrader platform.

Autonomous Driving with Convolution Neural Network | https://github.com/opplieam/Self-Driving-Car   2019
- Learned by doing: Used CNN to predict a steering angel. The environment is the Udacity car simulator.

EDUCATION

King Mongkut's University of Technology Thonburi   Bangkok, Thailand
Bachelor of Computer Science   2013