

Liubomyr

Software Developer

Summary

I am a seasoned software developer with over 5 years of experience in developing commercial applications, blockchain systems, and various types of software. I have a strong ability to optimize high-load event-driven services and troubleshoot memory leaks and have participated in the creation of innovative solutions and services through my deductive and creative thinking. In addition to my technical skills, I have also participated in mentoring activities in educational programs.

Work Experience

EPAM Systems - Go Software Developer

January 2021 - Feb 2023

- Improved authentication and permission in large microservice system by using gRPC tags;
- By implementing batch processing of files - download time decreased from 10 min to 1.25 min;
- AzurDevOps pipeline optimization helped eliminate deployment and delivery system failures and reduce deployment time;
- Mentoring in 2 retraining programs. One of my students was so successful that he achieve the title of Middle Go developer.

Technologies: Go, Microservices, TDD, Kubernetes, Docker, Gradle, DevOps Azure, Google Cloud (GCP), Microsoft Azure, Prometheus, Kibana, WhiteSource, Swagger API.

Sannacode - Go Software Developer

June 2020 - January 2021

- Developing the "Scheduler" service from scratch I refined the entire system and reduced the risk of missing events to 99.1%;
- Ameliorating the communication of all services by changing WebSocket to Kafka.

Technologies: Go, Microservices, TDD, Docker, Kafka, gRPC, JFrog.

Greg Solutions - Blockchain Software Developer

May 2019 - June 2020

- Developed authentication and access logic using LDAP in the Dobby CI/CD project;
- Designed the architecture and implemented a distributed storage caching component for use in blockchain-oriented P2P infrastructure;
- Refined performance in the blockchain API HTTP caching system on top of Infura, reducing median latency by 79%.

Technologies: Go, TypeScript, React, Redis, LDAP, Libp2p, DHT, IPFS, GitLab CI, btcd, go-Ethereum, gRPC.

uMuni - Front-End Developer

Mar 2018 - Sep 2018

- Collaborated on Activity Fusion, streamlining business operations and promoting seamless production through the implementation of an ML solver that creates a schedule tailored to each employee's workflow setup in their mobile application;
- Contributed to various facets of the flow, including UI design and client-side development encompassing admin and general "user" panels in the mobile and web app.

Technologies: JavaScript, Ruby, MySQL WorkBench, Gradle, AngularJS, Ionic, Cordova, XCode, Android SDK.

Education

Ivan Franko National University of Lviv

Sep 2008 - June 2013

- Master's degree in Electronics

Skills:

Programming Languages: Go, JavaScript;

Frameworks: Libp2p/DHT/GORM/GinGonic, Webix/React/Bootstrap, Ionic/Cordova;

RDBMS: MySQL, PostgreSQL, SQLite;

NoSQL: Redis, RethikDB, Mongo, CosmosDB;

Cloud Services: AWS, Google Cloud, DigitalOcean;

Application/Web Servers: Heroku, Docker, Docker-compose, k8s;

Tools: Chrome DevTools, bash, PowerShell, Git, JetBrains IDEs, Postman, NPM;

Hardware: Network technologies, Hardware overclocking, Soldering and reballing QFP and BGA chips, Arduino, Raspberry Pi, ESP32.

About me:

First of all, I am the father of 3 wonderful kids. In my free moments, I immerse myself in the joy to play and repair electronics.

I have fun with projects based on ESP32 microcontrollers, a microscope, a telescope, space, and sports.