

ILLIA DANKO

Software Engineer

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PROFESSIONAL SUMMARY

Overall, eleven years of working experience in the field. Have participated in various technologies and programming languages, including Golang, C, C++, Java, Clojure, Javascript, Typescript and Python. Started as a system engineer and was moving to the Web, and Golang, in particular. I'm strongly focused on business' needs, and as a free software user, sometimes consider contributing further back to Open Source.

TECH STACK

General Purpose Languages

Golang

C

Javascript

Typescript

Clojure

Python

C++

Java

Domain Specific Languages, frameworks and databases

Bash

Makefile

CMake

Javascript

Postgresql

MongoDB

Elasticsearch

ArangoDB

ELisp

Lua

TeX

Html

Sass & Css

React

Protobuf

GraphQL

EXPERIENCE

Software Engineer

Aller Media Norway

Nov 2022 – Ongoing

Ukraine, UA

- Design, develop and maintain core pipeline high throughput services.
- Develop UI Web tools using upstream technologies.
- Implement internal helper tools.
- Troubleshooting high performant components.

Stack

Golang design, prototype, implement and maintain services using google pubsub, redis, rest api and graphql, elastic-search, postgresql, docker and kubernetes. Write command line company centric tools.

Typescript / Javascript / React / Next.js implement and maintain UI admin panel using both: client and service side rendering.

Bash ci/cd scripting.

Software Engineer

Aigent

Dec 2019 – Oct 2022

Amsterdam, NL

- Design, develop and maintain core pipeline services.
- Implement internal tools.
- Troubleshooting high performant components.
- Refine existing parts.
- Collaborate with clients.

Stack

Golang design, prototype, implement and maintain real time low latency microservices using kafka, memcached, rest api, rpcs, protobuf/msgpack, postgresql, arangodb, kubernetes. Write command line tools. Embed C libraries (cgo).

C write ffi libraries for other languages.

Javascript implement ecma5/6 compatible web applications, support react applications. Design, prototype and implement microservices using rest api, protobuf, mqtt, postgresql, kubernetes.

Clojure implement microservices for features using rest api, elasticsearch, mqtt. Implement internal tools.

Python,Bash ci/cd scripting.

Software Engineer

Omnisend

📅 Feb 2018 – Dec 2019

📍 Lviv, UA

- Design, develop and maintain high performing services.
- Cover with acceptance and e2e tests.

Stack

Golang design, implement and support features microservices using rest api, grpc, nats, nsq, mongodb, kubernetes. Integrate 3rd party platforms. Write command line tools.

Javascript Design, prototype and implement microservices using rest api, nsq, nats, mongodb.

Python,Bash ci/cd scripting.

Test Engineer

Here

📅 Jun 2017 – Feb 2018

📍 Lviv, UA

- Design and develop integration testing framework.
- Implement and maintain integration tests for car navigation systems.

Stack

Python add features, maintain a testing framework using jenkins, sqlite3, casandra, hadoop map-reduce, aws s3, ec2, route algorithms (djaextra). ci/cd scripting.

Bash ci/cd scripting.

Middle Software Engineer

Cisco

📅 Nov 2015 – Jun 2017

📍 Lviv, UA

- Develop and maintain gateway systems for embedded devices.
- Develop and maintain primitive components and drivers, such as, voip, iptv, vpn.
- Write technical documentation.
- Participate in dmz room setup.
- Maintain and extend dmz testing framework.

Stack

C write and maintain modules for embedded equipment, including character and network devices using pki, httpd, tcp, udp, ppp, cgi, soap, tr-69, tr-98, tr-181, ieee 802.11, ethernet, ipv4, ipv6, dhcp.

Python add features to dmz testing framework using git hooks, jenkins, cisco hardware.

Software Engineer

Inside Secure

 Jul 2013 – Nov 2015

 Lviv, UA

- Develop and maintain a stereotyped simulator for credit card vendors.
- Write and maintain integration tests.

Stack

C++

implement and support visualization desktop gui tools (qt library), maintain nfs smartcards testing framework.

Java

add features to mastercard nfs smardcards testing framework, maintain tools.

Python,Bash

ci/cd scripting.

LANGUAGES

English

Ukrainian

EDUCATION

Bachelor of Economics

Volodymyr Dahl East Ukrainian National University

 Sep 2010 – Jun 2013