

ILLIA DANKO

Senior Software Engineer

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PROFESSIONAL SUMMARY

Overall, nine years of working experience in the field. Have participated in various technologies and programming languages, including Golang, C, C++, Java, Clojure, Javascript, 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, considering contributing further back to Open Source.

TECH STACK

General Purpose Languages

Golang C Javascript Clojure Python C++ Java

Domain Specific Languages and Frameworks

Bash Makefile CMake Javascript SQL family MongoDB ArangoDB ELisp Lua Elm \LaTeX
Html Sass & Css React Protobuf

EXPERIENCE

Senior Software Engineer

Aigent

Dec 2019 - Ongoing

Amsterdam, NL

- Design, develop and maintain core pipeline services.
- Implement internal tools.
- Troubleshooting high performance components.
- Refine existing parts.
- Write technical documentation.
- 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.

Senior 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 3d party platforms. Write command line tools.

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

Python,Bash ci/cd scripting.

Senior 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.

Junior 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 smartcards 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