ILLIA DANKO

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, 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
LaTeX   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, elasticsearch, 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 rending.

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 microservies 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 microsevices 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.

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