

Nikita Tokarchuk

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SUMMARY

I'm a software engineer with a deep knowledge about the computer security. I can develop various types of secure web services, applied software, firmware, and more by using modern technologies and I like it very much! Therefore, I have an incredible experience and strong knowledge in **GoLang**, but I also can code in C++, JS, and Python as well. Moreover, I'm good at understanding source code so I can fix some amount of bugs in most of the projects.

EXPERIENCE

«**nevisQ GmbH**», Aachen, Germany,
as a **Senior Developer**.

Oct 2017 – Oct 2021

- Developed the backend as the mesh of distributed microapps connected to several data storages. The goal was to create scalable, fast, and secure server's infrastructure. Here I used GoLang because it provides type-safe native-code result in the reasonable amount of time. Using best-practices in software architecture I could achieve the best ratio performance/price.
- Designed network infrastructure to manage connections between microapps and the world.
- Followed DevOps practices and made the CI/CD process fast and smooth.
- Coded for hardware and helped to fulfill requirements for the physical side of the product.
- Optimized UX by designing the API and being a part of the frontend team.

«**Innovation Technologies, Inc**», Chelyabinsk, Russia,
as a **Full-Stack Developer**.

Jan 2016 – Aug 2017

- Developed high-load realtime backend for an online game by using TypeScript and NodeJS. To be able to keep high-load I developed scalable microservices with a RabbitMQ as a message bus. This configuration can handle thousands of requests and the performance can be easily improved by a horizontal scalability.
- Developed a game frontend which was the part of the product and the main part of the UI/UX.

«**IT Solutions, Inc**», Chelyabinsk, Russia,
as a **Backend Developer**.

Mar 2014 – Aug 2015

- Developed high-load realtime backend for various online games by using C++ asynchronous and multithread code and achieved a blazing performance in realtime communications.
- Maintained a payment system for in-app purchases.

EDUCATION

«**South Ural State University**», Chelyabinsk, Russia

Sep 2009 – Jun 2015

- Specialist in Information Security for Automated Systems
School of Electronic Engineering and Computer Science
Department of Information Security

SKILLS

Technologies that I use and respect:

- **GoLang**;
- C++, TypeScript/JavaScript, Python;
- MongoDB, *SQL, ClickHouse, ZooKeeper, Kafka, Elasticsearch, Nginx, HAProxy, *and others*;
- *nix, Containers, Ansible, Orchestration, Networks.

HIGHLIGHTS

According to my own needs and I develop and maintain several OSS projects:

- **the personal website** is written on Go, mainnika/nikita-tokarch-uk;
- **mongo go driver** wrapper with some useful stuff, mainnika/mongox-go-driver;
- **fork of go-systemd** extended to fit my own needs, mainnika/go-systemd;
- **fork of telegraf** stripped and cleaned to use the only graphite serializer, mainnika/telegraf-graphite-slim;
- **fork of gomock** with the tricky ability to mock public functions, mainnika/gomock;
- **image and chart for the ghost cms** based on rhel-ubi, mainnika/ghost-docker and mainnika/ghost-helm.