

Viktor Kojouharov

Experienced Backend Engineer

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SUMMARY

Experienced backend engineer who can lead projects from the ground up to completion. The quality of the work is important to me, and working on unknowns is my passion.

TECHNICAL SKILLS

Languages: Go, Java, Kotlin, Python, Perl, JavaScript, Bash

Data: SQL, PostgreSQL, MySQL, MongoDB, Elasticsearch, BigQuery

Infrastructure: AWS (S3, ECS, SSM, SQS, SNS), Kubernetes, NATS, PubSub, Jenkins, Bitbucket CI

Observability: Datadog, Grafana

EXPERIENCE

Smallpdf

Staff Software Engineer — Zürich | Sep 2021–Present

- Led various payment initiatives, covering integration with multiple subscription management platforms and payment methods.
- Owned the entire backend development of sign.com and the new authentication service of smallpdf.com.
- Tinkered with plugins for Claude Code to streamline aspects of the team's day-to-day work.

Globus

Senior Software Engineer — Zürich | Sep 2019–Aug 2021

- Improved the memory consumption and responsiveness of major user-facing services of the online store.
- Created a pipeline for processing online and offline sales data.

VMware

Software Engineer — Sofia | May 2017–Aug 2019

- Within the vRA TTV team, improved the PostgreSQL cluster auto-failover and appliance cluster command dispatching.
- As part of bringing the cloud vRA solution to on-prem, developed software for management of the on-prem k8s deployment, as well as licensing and identity/auth services.
- Developed the internal car-sharing and scheduling service.

devolo

Senior Software Engineer — Sofia | May 2015–May 2017

- Responsible for writing an Android application, and researching alternate solutions for their IoT gateway software stack.

Imperia

Senior Software Engineer — Sofia | May 2005–Jul 2015

- Where my professional career started, exposing me to all major SQL databases at the time, as well as how to process workflows, manage assets, edit and publish content as part of the main CMS software.
- In unison with my bachelor thesis, developed a unique method of writing frontend code from the backend, similar to how one would write a desktop application, including translating Perl to JavaScript.
- With the emergence of the new HTML5, integrated new features into the product, helped replace the aging Java applet-based workflow editor with a new canvas one, and created a lexer and parser for writing frontend view templates.
- Before the whole Bulgaria office was taken over by devolo, also joined the Pirobase team.

location.bg

Chief Software Engineer — Sofia | Jul 2011–Jun 2012

- Joined a few friends as the only engineer in creating a startup to tackle providing visibility to local businesses.
- Implemented the whole software stack for managing GIS data, and presenting it in a searchable manner on a map to end users.

EDUCATION

Vrije Universiteit, Amsterdam

MSc, Business Administration | Aug 2008–Jul 2009

Technical University, Sofia

BEng, Industrial Engineering | Sep 2003–Jul 2007

PROJECTS

- github.com/urandom/readeef
- github.com/globusdigital/deep-copy
- github.com/urandom/kd
- enlightenment.org — contributor with C