

# VIKTOR KOJOUHAROV

## Software Engineer / Architect

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### Profile

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I'm an 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.

### Contact

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E-Mail: [vkojouharov@gmail.com](mailto:vkojouharov@gmail.com)

Phone: [+41 774 670 540](tel:+41774670540)

### Projects

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<https://github.com/urandom/readeef>

<https://github.com/globusdigital/deep-copy/>

<https://github.com/urandom/kd>

<https://www.enlightenment.org> – contributor with C

### Education

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#### Ms Business

**Administration, Vrije  
Universiteit, Amsterdam**

*Aug 2008 – Jul 2009*

**BEng Industrial  
Engineering, Technical  
University, Sofia**

*Sep 2003 – Jul 2007*

### EXPERIENCE

#### **Staff Software Engineer, Smallpdf, Zürich**

*Sep 2021 – Present*

I've led various payment initiatives, covering integration with multiple subscription management platforms and payment methods, as well as the entire backend development of [sign.com](https://sign.com) and the new authentication service of [smallpdf.com](https://smallpdf.com).

**Go, Postgresql, MySQL, Jenkins, AWS (S3, ECS, SSM, SQS, SNS), Datadog**

#### **Senior Software Engineer, Globus, Zürich**

*Sep 2019 – Aug 2021*

While working on the online store, I improved the memory consumption and responsiveness of major user-facing services. My responsibilities then shifted to creating a pipeline for processing online and offline sales data.

**Go, MongoDB, k8s, Bitbucket CI, Elasticsearch, Grafana, NATs, BigQuery, PubSub**

#### **Software Engineer, VMware, Sofia**

*May 2017 – Aug 2019*

Within the vRA TTV team, my responsibilities were the improvements of the Postgresql cluster auto-failover, appliance cluster command dispatching, and then as part of bringing the cloud vRA solution to on-prem, developing software for management of the on-prem k8s deployment, as well as licensing and identity/auth services. I also developed the internal car-sharing and scheduling service.

**Java, Go, Postgresql, Python, k8s, Bash**

#### **Senior Software Engineer, devolo, Sofia**

*May 2015 – May 2017*

I was responsible for writing an android application, and researching alternate solutions for their IoT gateway software stack

**Java, Kotlin, Go**

## **Senior Software Engineer, *Imperia*, Sofia**

*May 2005– Jul 2015*

My professional career pretty much started here, exposing me to pretty much 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, I 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, I integrated new features into the product, and helped replacing our aging Java applet-based workflow editor with a new canvas one, and with the creation of a lexer and parser for writing frontend view templates. Before the whole Bulgaria office was taken over by devolo, I also joined Pirobase team.

**Perl, Javascript, SQL, Bash, Java**

## **Chief Software Engineer, *location.bg*, Sofia**

*Jul 2011– Jun 2012*

I joined a few friends as the only engineer in creating a startup to tackle providing visibility to local businesses. My responsibilities were to implement the whole software stack for managing GIS data, and presenting it in a searchable manner on a map to end users.

**Python, PostgreSQL**