Roman Zaiev

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Full Stack Software Engineer, Python + JS/TS
10 years of professional experience

Over the past years, I have faced unique challenges in a plethora of different projects. Having a strong background in software engineering, deep understanding of modern technologies and their possibilities, my skills can be of use to your business.

Scrum? Kanban? Waterfall? Yes. TDD? DDD? EDA? Definitely.

According to the list of soft skills, I have all of them. Well, most of them.

Passionate about my channels in Telegram, like Tipa Pro IT (to keep up with the industry) and Tipa Pro UK (to share my love of London), graphic and web design, UI/UX, urbanism, playing Go and learning something new.

Pet Projects	Krolib: magic library and DSL to handle complex schedules
	Flask-Kit: backbone for Flask-based projects with a flavor of Django
	Snaql: raw *QL queries in Python without pain
	...and others
Talks	API-centric Web Development with Tornado (2015)
	Search? Sphinx! (2013)
Languages	English (C1), Russian (C2), Ukrainian (C2)
	Python (primarily), JavaScript & TypeScript
	Familiar with Rust, Go, Clojure and others

Experience

Dec 2019 — Present

Revolut (London, GB)
Software Engineer

Backoffice services and applications.

Designed and implemented robust solutions for multiple internal projects like Modeling Liquidity Risk, Vendor Due Diligence and Counterparty Exposures. Applications maintenance and improvements as a daily routine.

- Python 3, Flask, FastAPI, PostgreSQL, Exasol, K8S, Terraform, etc.
- React, TypeScript

Fab 2017 — Aug 2019

Nextiva (Kyiv, Ukraine // Scottsdale, USA)
Software Engineer

Rules Engine development.

Was working on the Core application, DSL to describe rules conditions, handy library to handle complex schedules (was published as the company's first open source project — Krolib) for so-called time-based rules, internal SaaS on top of it and many more.

- Python 3, asyncio, aiohttp, RabbitMQ, JSON:API, Protobuf, gRPC, PostgreSQL, K8S, etc.

Nov 2015 — Nov 2016

B2B Soft (Kyiv, Ukraine // New York, USA)
Software Engineer, Tech Lead

The brand new medical platform. Design, implementation, release.

- Python 3, Tornado, JSON RPC
- ES6, React/Redux, Webpack (SPA)
- Sphinx Search (live search, geo, delta indexes)
- Real-time billing and stats (Apache Kafka, MongoDB)
- Third-party APIs integration (Authorize.Net, Google, Facebook, Mandrill, MaxMind)
- Ansible (IaC), AWS (EC2, RDS, S3, Route53) to rule them all

Mar 2015 — Nov 2015

SoftServe (Kyiv & Lviv, Ukraine // San Jose, USA)
Software Engineer

Telemetry aggregation solution for Cisco; Cloud Services, BigData extension for OpenStack Horizon.

- Python 2/3, Logstash, MongoDB, RabbitMQ, Puppet
- OpenStack, Flask, Tornado, Ansible
- ES5, Backbone.js, Marionette.js

Fab 2014 — Mar 2015   **Kasta** (Kyiv, Ukraine)
Software Engineer, Head of Platform Development

The brand new e-commerce platform. Design, implementation, MVP.

– Python 3, Tornado, Elasticsearch, ZeroMQ, ZeroC, Protobuf, PostgreSQL
– ES5, Backbone.js, Marionette.js

Aug 2013 — Jan 2014   **GetGoing** (Kyiv, Ukraine // San Francisco, USA)
Software Engineer

Mid-office development, statistical data search and aggregation, PNR Management SPA.

Implemented seat preview and seat selection for the most popular US airlines (backend and frontend, Amadeus GDS integration).

– Python 2/3, Django, PostgreSQL, Celery, Elasticsearch
– ES5, Backbone.js, Marionette.js

Nov 2012 — Aug 2013   **Prom** (Kyiv, Ukraine)
Backend Developer

Company's internal services maintenance, CRM.

Better test coverage, legacy code refactoring, data processing and third-party APIs integration.

– Python 2, Pylons, SQLAlchemy, Celery, Mercurial

May 2011 — Nov 2012   **Future Colors** (Moscow, Russia)
Backend Developer

Participated in the development of: TNK series websites (TNK Carbon, regional site), FutureToday (job offers for Russian students), Belonika (Russian top blogger culinary portal), RAF (Russian Auto Fellowship).

– Python 2, Django, Celery, Sphinx Search
– Some frontend tasks with jQuery and Backbone.js