

Jaraslau Viktorchyk

Senior Software Engineer

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Senior Software Engineer with 10+ years of experience building scalable backend services, distributed systems, and modern web applications. Proven track record in API design, CI/CD automation, microservices, and high-throughput data pipelines using Node.js, TypeScript, React, and cloud-native tools.

Experience

Senior Software Engineer

Jan 2022 - Present

Volvo Cars · Stockholm

- Shipped two high-priority sections for the workshop offering management service under tight deadlines.
- Implemented model-based testing strategies to increase test coverage.
- Led OpenTelemetry instrumentation across application services, significantly improving system observability.
- Built a public booking API and documentation site, actively assisting third-party partners through integration.
- Introduced GitOps with ArgoCD and branch deployments, enabling safe, isolated feature testing without blocking production.
- Consolidated disparate repositories into a single monorepo (preserving history) and modernized CI/CD pipelines to boost developer experience.

Lead Software Engineer

Jul 2019 - Dec 2021

HP (via Codex Software)

- Architected and optimized distributed processing workers handling high-volume background print and media jobs.
- Designed a lightweight worker runtime client framework, eliminating boilerplate code required to start a new worker.
- Standardized CircleCI pipelines across organizational repositories, drastically cutting maintenance overhead.
- Optimized and standardized Docker image builds to decrease image size and build time.

Software Engineer

Mar 2016 - Jul 2019

OneFlow Systems (via Codex Software)

- Developed foundational Node.js worker services for an asynchronous, high-throughput PDF generation and processing pipeline.
- Maintained and extended Node.js bindings for the underlying C++ Mako SDK PDF library via Native Abstractions for Node.js (NAN).
- Built a dynamic rendering engine converting declarative JSON templates directly into print-ready PDF documents.
- Managed and standardized core internal SDKs utilized across all pipeline processing nodes.

Software Engineer

Mar 2016 - Sep 2017

Volo Commerce (via Codex Software)

- Engineered a point-of-sale Web UI with improved UX for manual in-store order processing.
- Established core design patterns and component structures for an enterprise internal UI library.
- Developed backend marketplace integration adapters using Java.

Junior to Lead Software Engineer

Mar 2013 - Dec 2021

Codex Software · Minsk → Ponta Delgada

- Led cross-functional development of a mobile application for healthcare staff scheduling and resource management.
- Delivered client projects across diverse domains, including mobile gaming, high-concurrency web services, and interactive UIs.

Skills

Backend & Cloud

Node.js
TypeScript
MongoDB
GraphQL
Redis
RabbitMQ
Amazon SQS
MySQL
REST APIs

Frontend

React
Redux
Vue.js
TypeScript
HTML5/CSS3

DevOps & Tooling

Docker
Kubernetes
ArgoCD
GitHub Actions
CircleCI
Helm
OpenTelemetry

Languages & Systems

TypeScript
JavaScript
Python
Java
C++
Lua

Education

Specialist's degree, Computer Science

Belarusian State University of Informatics and Radioelectronics
Sep 2011 - Jun 2016

Languages

English · Full Professional
Swedish · Basic Proficiency
Belarusian · Native Speaker
Russian · Native Speaker

Links

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github.com/Ugzuzg

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