

# VLADIMIR KHOMENOK

## Software Engineer

Clear processes and shared ownership so knowledge scales beyond individuals is key.  
Alongside shipping features, I invest in CI&CD, documentation, and mentoring.

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### EXPERIENCE

2025 – Now

#### Senior Software Engineer

Optima

Developing of an Energy Management System and scaling it from the ground up

- Architected a system for custom device-logic management
- Built orchestration for communication protocols such as Modbus and EEBus
- Developed web and mobile applications from the ground up
- Maintained an LLM-friendly codebase, took all accountability for the code as human

TypeScript / .NET / Postgres / TimescaleDB

Energy Management / Modbus / Device Integration

2024 – 2025

#### Staff Engineer

Lemony.ai

Led engineering of secure, offline LLM solutions bridging hardware, software, and cloud

- Designed a cloud demo platform with isolated GPU sharing per customer
- Architected a web and desktop app platform, enabling rapid development of secure, offline UIs
- Developed embedded device firmware and hardware
- Contributed across the stack — from screen installation to demo videos and stakeholder pitches

TypeScript / .NET / LLMs / RAG / GCP

Edge AI / Solution Architecture / Knowledge Graph / DevOps

2023 – 2024

#### Senior Frontend Engineer

TimeTac

Modernized a legacy monolith into a scalable, developer- and product-friendly front-end platform

- Migrated core systems from legacy PHP to a transparent stack editable by product managers
- Built a modular Next.js front-end with A/B testing and multi-country feature toggles

Next.js / TypeScript / GitLab CI

Headless CMS / A/B Testing / Builder.io

2022 – 2023

#### Senior Frontend Engineer

Netconomy

Developed customer-facing e-commerce front-ends and core components adopted across teams.

- Built internal web framework components later adopted company-wide (e.g., Douglas project)
- Contributed to enterprise-grade storefronts with custom checkout and personalization logic

TypeScript / SAP Commerce Cloud / GitLab CI

2021 – 2022

#### Frontend Developer & DevOps Engineer

Joom

Delivered international apps and internal tools in a fast-moving e-commerce environment.

- Built client, merchant, and admin portals with modular architecture and live analytics
- Developed an internal analytics system with custom event tracking and visualization

Next.js / Effector / TypeScript

MongoDB / Kubernetes / i18n

2018 – 2021

#### Frontend Developer

JetBrains

Built internal analytics tools and React-based UI kits for company-wide use.

- Developed custom Metabase-based dashboards for internal business insights
- Used Kotlin DSL and TeamCity for automated dashboard deployments

React / Effector / D3.js / Kotlin

Redux / TeamCity / Kubernetes

## EDUCATION

2024 – Now	<b>Master's Degree</b> Computational Social Systems.	TU Graz
2016 – 2020	<b>Bachelor's Degree</b> Hardware-focused Computer Science program. Authored a thesis on a web-based team contest system. Selected coursework: Computer Networks, Operating Systems, Microprocessors.	National Research Nuclear University MEPhI

## LANGUAGES

**Russian** - Native / **English** - C1 (IELTS) / **German** - A2