VLADIMIR KHOMENOK
Software Engineer

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

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	**Master's Degree**	**TU Graz**

Computational Social Systems.

2016 – 2020	**Bachelor's Degree**	**National Research Nuclear University MEPhI**

Hardware-focused Computer Science program.
Authored a thesis on a web-based team contest system.
Selected coursework: Computer Networks, Operating Systems, Microprocessors.

LANGUAGES

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