



# SIARHEI ILYASHENKA

## Front-end Developer

linkedin: <https://linkedin.com/in/se...>

github: <https://github.com/serjily...>

mail: [serj.ilyashenko@gmail.com](mailto:serj.ilyashenko@gmail.com)

[Download a PDF version](#)

## SUMMARY

Front-End Developer with over 10 years of experience building front-end solutions for enterprise and startup projects. Worked on projects in domains such as finance, machine learning, and blockchain. While primarily focused on front-end development, actively expanding knowledge in Back-End technologies to deliver end-to-end solutions.

## KEY SKILLS

### Front-End Skills

JavaScript TypeScript HTML CSS React NextJS Redux  
Ember Svelte GraphQL Jest RTL Playwright Webpack  
WebSockets

### Back-End Skills

NodeJs NestJs Express Fastify SQL Docker  
Java Spring Boot (*basic proficiency, hands-on in production*)

### Soft Skills

Communication Teamwork Curiosity Adaptability Mentoring

## PRIOR WORK EXPERIENCE

## Volvo Cars

Front-end Developer /

Fullstack

Nov 2022 - Present

### Retailer Finance Portal / Retailer Promotions Portal

Finance-domain portals for automotive retailers, enabling management of financial data and promotional programs.

#### *Personal achievements:*

- Introduced, designed and implemented scalable api/data layer architecture, improving system reliability, maintainability, and DX.
- Integrated component and visual integration tests to increase release confidence, and optimized unit tests to run 10x faster (15 min → 1.5 min), accelerating CI pipeline and reducing developer wait time.
- Contributed to the Java Springboot Back-End part of the project, enabling end-to-end feature delivery as a Front-End engineer.
- Took ownership of UX/UI design in addition to engineering duties, enabling uninterrupted delivery despite reduced design resources.

#### *FE | Hands-on:*

TypeScript, React, ReactQuery, GraphQL, gql-codegen, react-hook-form, pnpm, Turborepo, Webpack, Module Federation, MicroFrontends, jest, vitest, RTL, Storybook, MSW, Percy, Playwright, LaunchDarkly, GitHub-actions, Changesets, Elastic APM/RUM, Sentry, Figma(Design)

#### *BE | Hands-on:*

Java Spring Boot, JUnit, Mockito, Kafka, PostgreSQL, GraphQL, NestJs, Docker, Kubernetes, ArgoCD

### Subscription manager tool

The automotive services domain platform for company agents, enabling administration of car and software subscriptions.

#### *Personal achievements:*

- Introduced, designed and implemented a BFF architecture, allowing the FE to communicate via a single gateway, simplifying integration with a complex microservice ecosystem.
- Supported multiple teams in onboarding their MFEs into shared platform, accelerating adoption and ensuring consistent implementation across projects.

#### *Hands-on:*

TypeScript, React, NextJS, SWR, MUI, GraphQL, gql-codegen, yarn workspaces, GutHub-actions, Jest, RTL, Sendgrid, mjml, Sentry, Kubernetes, ArgoCD, Azure Entra ID, LaunchDarkly

## RocketData.io

Front-end Developer

Feb 2021 - Jul 2022

### Reputation management platform

The platform to manage business company's online presence and reviews among location-based services to increase foot traffic and customer loyalty

- Architecture and development of new features with interesting UI components, Diagrams, Ant Design customization and more
- Test coverage of key user scenarios
- Sentry and Segment analytics integration and support

*Personal achievements:*

- Launched multiple key features with challenging UI from scratch.
- Developed nice html -> PDF generation approach based on opensource libraries. It allowed to avoid the use of proprietary software and save company money.

*Hands-on:*

TypeScript, React, Jest, RTL, Webpack, ChartJs, Segment, Sentry.

### Store Locator Widget

Customizable (over presence platform account) RocketData widget for customers' websites that automatically maintains a page with a map, addresses and contacts of customers' locations up to date.

- Launch widget project from scratch including webpack configuration

*Personal achievements:*

- Reduced widget's bundle size from 400KB to 70KB. This improved the user experience by speeding up the opening of the web page.

*Hands-on:*

TypeScript, Svelte, Leaflet, Webpack

## dMetrics.com

Front-end Developer

May 2019 - Feb 2021

### AI for Everyone platform

The tool which allows non-engineers to create and deploy their own AI for insights extraction from texts. Without writing code.

- Architecture, development, refactoring and support of dashboards and AI visual constructor
- Contribution to a company's design system

*Hands-on:*

React, Redux, Storybook, Node, Express, GraphQL, Jest, Enzyme, Webpack, Highcharts, Segment

## ZenSoft.io

Front-end Developer

### Tracking platform

The system allowed to track project's budget, progress and timelines during

every sprint. This helped to improve and optimize process of developing.

*Personal achievements:*

- Proposition and integration of TypeScript technology to the project. This well decreased bug amount on coding stage.

*Hands-on:*

TypeScript, React, MobX, Webpack.

### **Web Platform form managing media ads**

*Personal achievements:*

- Completed the project in 3 months in terms of a hard deadline.

*Hands-on:*

TypeScript, React, Redux, Webpack.

### **Blockchain platform**

Makes it easy for developers to connect their applications to multiple blockchain networks with no blockchain experience

*Personal achievements:*

- Smart contract versioning module. This allowed smart contracts changing during working process without previous contracts loose
- Proposition and implementation of the personal credentials file encoding for the additional security.

*Hands-on:*

TypeScript, React, Redux, Webpack, web3 + MetaMask.

### **Enterprise reporting system**

It allowed the customer to avoid overtimes during reporting period.

*Personal achievements:*

- Created a front-end team of 5 people for working on the project
- Raised 2 junior devs into middle devs
- Proposition and implementation of the real-time update solution using WebSocket technology. This raised user experience to a new level and allowed to decrease server load.

*Hands-on:*

EmberJS, WebSockets, Stomp - PubSub protocol.

### **Landing Page**

- Optimization

*Personal achievements:*

- Halved the number of server requests from 114 to 70
- Eliminated droppings to 30FPS while scrolling
- Loading time reduced by 30sec

*Hands-on:*

JS, jQuery.

**AllVision / Minsk,  
Belarus**  
Front-end Developer  
Mar. 2012 — Sep. 2016

**Monitoring and control systems**

Allows to configure IoT-like systems using smartphone or tablet.

*Personal achievements:*

- Provided support for TCP, http and RS based protocols.

*Hands-on:*

JS, jQuery, C, NodeJs.

**ATOMTEX / Minsk,  
Belarus**  
Software Developer  
Aug. 2011 — Mar. 2012

**Monitoring software for radio emission spectrometers**

Work on automated tests to check the performance of the radio emission spectrometers

*Hands-on:*

JS, jQuery, C, NodeJs.

## EDUCATION

**Belorussian State  
University**  
Nuclear Physics and  
Electronics  
Sep. 2007 — Jul. 2012

**Personal achievements:**

- Developed the bootloader for Microchip micro-controllers over usb interface.

*Hands-on:*

HTML/CSS/JS, C/C++, Delphi.

## ADDITIONAL EXPERIENCE

- Publications on the medium.com resource
- Open Source contribution
- Taking part in JS conferences and workshops