



SIARHEI ILYASHENKA

Front-end Developer

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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
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