

# SIARHEI ILYASHENKA

**Front-end Developer** 

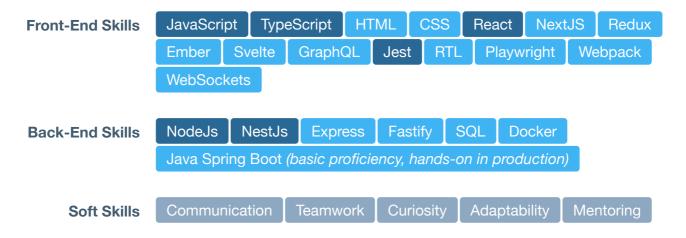
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# **SUMMARY**

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**



# 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, GitHubactions, 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

# Al for Everyone platform

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

- Architecture, development, refactoring and support of dashboards and Al 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 contact 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**

# Belorusian 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