

Andrei Karalevich

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Software Engineer with **5 years** of experience in building massively scalable systems and strengths in **JavaScript /TS** utilizing modern tools such as **React, Vue, NodeJs, Python**.

Professional Experience

Frontend Software Engineer

Nexon America, Los Angeles, CA.

- Migrated from **Vue2** to **Vue3** website "Nexon Game Card" which increased gift card sales.
- Incorporated **Redux Saga** into the project, that resulting in reduced server costs and annual savings.
- Developed a microsite using **Next.js** for a seasonal company event that resulted in an additional 70,000 users within a month.
- **Led the project** urgent Kartrider account login fixes requested by stakeholders, optimized user flows, internal tool updates.

Frontend Software Engineer

Wargaming, International.

- Developed a sophisticated internal **React UI library** to handle scroll behavior, eliminating the requirement to purchase a license from an external third-party tool.
- As part of a seasonal event with substantial user interest, designed a UI interface utilizing the latest **React** features (**Hooks**).
- Migrated from **React Class-based** components to **React Function** components.
- Implementing **TypeScript** into the project.
- Increasing test coverage to over 90% using **Jest, React-test-library, Storybook**, and **Cypress**.
- After analyzing the data **Google Lighthouse** sped up UI loading time and enhancing application stability.
- Full-stack developing of user profile privacy settings using **React** and **Python**.
- Implemented **GraphQL** resulted faster loading times and a more efficient user experience.

Frontend Software Engineer

LeverX Group, International.

- **Led the developing** a new method for creating customer preference tracking tags using **React, Material UI**.
- Solved the scalability problem by replacing the side effect manager from **Redux-Thunk** to **React-Saga**.
- Successfully managed to eliminate the accumulated technical debt by addressing duplicate code, writing **Unit** and **Integration tests**, and migrating to a new version of React.

Turbine Equipment Operator/ (Part time) Fronted Developer
Belarusian Nuclear Power Plant, Belarus.

- Developed UI interface for documentation processing and analysis system using plain **JavaScript**.
- I took charge of the **CI/CD** process.
- Creating rest API for working with the client and database using **NodeJs, Express, MongoDB, Mongoose**.

Education

Belarusian National Technical University.

Master of Engineering, Energy Engineer

Additional Skills

JavaScript, React, Vue, TypeScript, Redux, Jest, React-Test-Library, Axios, Docker, Redux-Saga, D3, Redux-Thunk, Ant Design, Material UI, Tailwind, Bootstrap, Figma, Photoshop, Webpack, Service Worker, Web Worker, HTML, Canvas, CSS, SCSS, NPM, Yarn, GIT, GitHub, GitLab, ESLint, Babel, Storybook, Node.js, Express.js, MongoDB, Mongoose, GraphQL, JWT, OAuth 2.0, REST API, Python, RxJS, jQuery, Flutter, WebSocket, Handlebars, NPM, Yarn, Progressive Web Apps, Computer science, Design Patterns, Test Driven Development, OOP, OOD, MVC, MVVM, Agile.