Egor Shumanskii

JavaScript Engineer (React, Node.js)
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General Information

See my skills and code examples at https://shum.dev

I aspire to become a top-tier web developer. I am determined to gain more hands-on experience in this field. Developing myself as a full-stack programmer.

I am able to independently solve any tasks within my skill set. I deliver production-ready code and seeking a company with strong programmers that I can learn from.

I am looking for long-term relationships. In return, I can offer performance, dedication to the company's interests, and hard work. I will be a curious, valuable, and reliable addition to your team.

Education

Siberian Federal University
Institute of Space and Information Technologies
(Sep 2005 - Sep 2010)
Engineer in Computer Science

Languages: **Russian** – Native
English – B1 – Intermediate

Key Skills: JavaScript, Node.js, React, Next.js, Typescript, MongoDB, Docker

Certification:
"The Modern React" Aug 2019
"JavaScript Algorithms and Data Structures" Jan 2020
"M001: MongoDB Basics" Dec 2020
"M220JS: MongoDB for Javascript Developers" Jan 2021
"M320: Data Modeling" Jan 2020
"RxJS Basic" Sep 2020
"RxJS Masterclass" Nov 2020

Work experience – 4 years 1 month

Datarockets
Canada, https://datarockets.com
Senior Frontend Engineer
May 2022 – Present (9 months)

As a Lead of the Front-End Team at Bunz.com, I have successfully implemented a CSRF protection to enhance the security of the platform. I have also designed and implemented a multi-step onboarding process for clients, streamlining the authorization process. Furthermore, I have implemented a Server-Side Rendering (SSR) strategy that aligns with our overall platform architecture. Additionally, I have successfully integrated Stripe payments on tawbar.com, including subscription plans and accompanying interfaces, resulting in a seamless user experience.
Successfully released two commercial projects.

EPAM
Russia, https://www.epam.com/
Software Engineer
October 2021 – May 2022 (8 months)

As a Software Engineer at EPAM, I have demonstrated strong technical skills and leadership abilities. I have designed the architecture of the project and successfully implemented it. To improve the overall performance of the website, I organized competent code splitting resulting in a 50% increase in site performance. Additionally, I have developed a plan for further optimization of the front-end part of the project. On top of that, I have established the use of ESLint and Prettier on the project, fostering a culture of clean code principles across the team

Sovcombank
Russia, https://sovcombank.ru
Senior Frontend Engineer
March 2021 – October 2021 (8 months)

As a Front-End Developer at Sovcombank, I played a key role in the development and optimization of the company's main website. Working in collaboration with an SEO team, I helped increase overall site performance and improve search engine rankings on Google and Yandex. I was responsible for building a brand new site from scratch, utilizing modern technologies such as SSG and SSR to ensure it was fast and SEO-friendly, resulting in a Google Page Speed score of 90+. I also worked closely with the lead engineer to develop a front-end architecture and coding guide. Developed a payments processing service and unique credit calculator. Additionally, I performed regular performance assessments, investigated and resolved site performance issues, and worked on new features, legacy code refactoring, and other improvements.

Krastsvetmet
Russia, http://www.krastsvetmet.ru/
Frontend Developer
May 2020 – February 2021 (10 months)

I worked on the company's "Metals Trading Platform", a system used by traders, accountants, economists, and forecasters to facilitate metal trading worldwide. The system helped hundreds of Krestsvetmet's employees to perform their job faster and more accurately by collecting a wealth of information about all trading deals, overall metal amount, and information about licenses.

I was responsible for implementing Authentication with JSON Web Tokens (JWT) and Authorization with multiple roles to enhance security and access control. I also increased overall site performance by utilizing memoization tools and virtual lists. Additionally, I built a number of complex forms that were user-friendly, interactive, multi-step, and provided instant feedback using

observables. To ensure that the client always had up-to-date information, I implemented a data polling solution due to the lack of WebSocket client-backend connection.

Furthermore, I deeply customized native Ant components using StyledComponents to align them with the corporate design code, which improved the overall user experience.

Sibdev
Russia, https://sibdev.pro/
Full-stack Developer
April 2019 – May 2020 (1 year 2 months)

As a Full-stack Developer at Sibdev, an outsource web development company, I worked on a number of projects for a variety of clients, but one of my most important projects was for Tekvel, a digital substation lifecycle management system that supports engineers at different stages of the project, from design to maintenance.

My responsibilities on this project included:
Refactoring the existing user interface to make it responsive and cross-browser compatible
Utilizing SVG graphics and the D3.js library to build interactive charts and oscillograms
Solving the single thread problem by moving all time-consuming calculations into a separate thread using Node.js workers and a pure JS Queue data structure, thereby increasing overall system performance
Building a module that incorporates a list of Python scripts into the system to perform binary data analysis
Re-organizing the storage principle by moving all binary files stored on the server's HDD to a remote MongoDB server using the GridFS specification
Implementing a client-backend WebSocket connection to improve the overall user experience of the system