

Vitaly Makarov

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EXPERIENCE

Senior Frontend Engineer

Mar 2019 – Present

Joom

Moscow, Russia

- Reorganized the way developers reuse components by engineering the application that combines multiple storybooks and presents all existing components in 10+ projects on a single page.
- Created admin panel that enabled management and support team to operate with internal information as the company grew.
- Designed and built an office map application that most of the company employees used to better navigate the office and find colleagues. It was an ambitious project that I drove to release and then handed over to the internal project team.
- Successfully migrated a codebase with over 100 pages to React and TypeScript.
- Developed a backend-driven form architecture, where fields are defined by JSON. This allowed to instantly updates forms to users without any changes to the client code.
- Enriched the app's core feature with the ability to upload CSV files by developing a fully client-side CSV parser that utilizes a deterministic finite automaton to parse a file chunk by chunk.
- Optimized build process, improved app splitting, and removed unnecessary polyfills. All of this results in a 35% reduction in the size of the initial application.

Frontend Engineer

Sep 2018 – Mar 2019

Kvint

Yekaterinburg, Russia

- Developed a client-side engine for building interactive dialogues for voice robot, which reduced the time required to create a dialogue by 80%.
- Implemented modification of the dialogue in real-time by implementing Web Socket communication between the client and the server. This process successfully allowed several people to work concurrently without losing any data.

Frontend Engineer

Jun 2018 – Sep 2018

Umka

Yekaterinburg, Russia

- Implemented loading various resources into S3 bucket.
- Collaborated with designer to develop complex web user interface using React, Styled Components and GraphQL.

Frontend Engineer

Oct 2017 – Apr 2018

Naumen

Yekaterinburg, Russia

- Taught myself Angular in a few days and built an adaptive application for searching through documents from scratch.
- Redesigned the web application using HTML5 and CSS3. Added a responsive layout that made it possible for users to use the application from mobile devices.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML/CSS.

Technologies: React, Redux, Mobx, GraphQL, NodeJS, Express, Webpack, Yarn, Jenkins, Docker, Git, Jest.

PROJECTS

Travel startup | *React, Mobx, Styled Components, Webpack, Flow*

2017 – 2019

- Built a web application from scratch that allowed people to find fellow travelers for joint trips.
- Grew the project from an idea to 100+ daily active users who created 100+ trips.

EDUCATION

Bachelor's degree, Mathematics and Computer Science

Ural State University named after A.M. Gorky

Yekaterinburg

2014 – 2018