

Sergei Velichkin

EDUCATION

Russia	South Ural State University	Sept 2011 - May 2016
<ul style="list-style-type: none">• Major: Mechanical Engineer, MS (in major GPA: 3.67)• Certificate(Minor): Computer Science		

EMPLOYMENT

Senior Frontend Engineer (remote)	Tetrascience Boston, MA	April 2024 - now
<ul style="list-style-type: none">• Speed up loading time by 50% by optimizing api call and bootstrap process• Designed and lead Implementation of permission system for react application• Decreased bundle size by 30% by removing and replacing libraries that were overkill for the project• Implemented auth token refresh on the ui by using axios interceptors• Mentored junior developers• Tech:React.Js, Redux, Javascript, Typescript, MongoDB, Node.Js, Github, Caching, Docker		

Middle Frontend Engineer (remote)	Tetrascience Boston, MA	Jun 2021 - April 2024
<ul style="list-style-type: none">• Lead switching repo from js to typescript• Refactored a lot of old class components to Function components• Added custom webpack bundle to support code splitting, module federation, module.less• Proposed adding storybook for ui library and added support for it• Tech:React.Js, Redux, Javascript, Typescript, MongoDB, Node.Js, Github, Caching, Docker		

Full Stack Web Developer (remote)	SMG Mobile Wilmington, NC	Sept 2020 - Jun 2021
<ul style="list-style-type: none">• Essential Personnel (www.essper.com) : Complete system for managing public safety professionals• Developed REST API for full cycle reports creation and approvals, using Node.JS, implemented front-end according to the design in Figma using ReactJS• Improved site rendering time by 15% using latest React features like memoization and useCallback• Added caching for files in browser for better UX, helped to improve loading time by 10%• • Tech:React.Js, Redux, Javascript, Typescript, MongoDB, Node.Js, Github, Caching, Docker		

RECENT PROJECTS

Essper.com [live](#)

- That's a complete system for managing public safety organization
- **Tech:** React.Js, Node.js

Amazon Clone [live](#) | [code](#)

- Built on my own copy of Amazon web site, with cart, auth, checkout functionality
- Developed version one using React, Firebase, ContextApi, HTML5, CSS3 as the frontend and Cloud Functions using Firebase to run backend Node server

Covid19Tracker [live](#) | [code](#)

- Used public API for covid19 developed website for tracking latest results
- Visualized data to show on map and charts for better UX
- **Tech:** React.Js, Chart.Js, Leaflet

TECHNICAL SKILLS

Javascript, React.Js, Redux, Typescript, HTML5, CSS3, Python, AWS, Docker, Github, MongoDB, MySQL, GraphQL