**Alexander Friz**

**Front End Developer / React Developer / React Engineer / Full Stack Engineer / Web Engineer**

**Contact Information:**

* **E-mail:** alexander.frize@gmail.com
* **LinkedIn Profile:** [linkedin.com/in/alexanderfriz](https://www.linkedin.com/in/alexanderfriz/)
* **Tel:** 323-926-1181

**Location:** Los Angeles

* **US Citizen**
* **100% remote roles are preferable**

**Professional Skills:**

* 10+ years of extensive JavaScript Front End development usage, including 6+ years of experience with TypeScript and React library
* Deep knowledge of core JavaScript/TypeScript, DOM manipulations, CSS animations, responsive web design
* Ability to write clean, reusable, and maintainable code

**Languages:**

* HTML5, CSS3, SASS, JavaScript (ES5 / ES6 / ES7 / Babel / JSX / TypeScript), Python

**Frameworks/Libraries/Middleware:**

* React, Redux, NextJS, Tailwind CSS, React Native, React-query, React-dnd, Redux-thunk, React Styled Components, Bootstrap, jQuery, Lodash, RxJS, MomentJS, SugarJS, Material UI, Angular Material, D3, Highcharts, Vega, Victory Charts, React-Hook-Form, Shadcn UI, Telegram API, Framer Motion

**Testing Frameworks:**

* Jest, Cypress, Karma, Jasmine, Mocha, Expect / ExpectJSX, Enzyme, Sinon

**Technologies:**

* Single Page Application (SPA), JSON, AJAX, SVG, REST API, NodeJS, Express, MongoDB, Electron, PostgreSQL, Prisma

**Programs/Tools/Services:**

* NPM, Webpack, Gulp, Git, TSLint, VirtualBox, Adobe Photoshop, Adobe Lightroom, PTGui, Axure RP Pro, Camtasia Studio, GitHub, GitLab, BitBucket, Pivotal Tracker, Redmine, RallyDev, XCode, Sublime Text 3, Visual Studio Code, Jira, Storybook, Lerna, Commitizen, Commitlint, Husky, Figma, AWS S3, Accessibility Screen Readers, Microsoft Azure

**OS:**

* Windows, Mac OS

**Professional Experience:**

**Crash Champions (Precocity LLC)***Senior React Developer  
August* 2024 – *July* 2025

* Created an app architecture and implemented everything from scratch
* Built a new React version of old C#/Razor website for Crash Champions
* Added new features and designs based on Figma
* Improved designs and created reusable React components
* Optimized app performance
* Setup Vitest and added test cases

**Technologies used:** React, Tailwind, TypeScript, Vite, Vitest, MS Azure, Tanstack Query (ex: React Query), Shadcn

**Cognizant***Senior React Developer*February 2023 – June 2024

* Collaborated with developers and designers to create and launch a React Native mobile app and its web version for Cigna, serving thousands of customers.
* Coordinated with UI developers, backend engineers, and designers to enhance app functionality.
* Integrated internationalization (i18n) to support multiple languages and locales.
* Implemented web accessibility features to ensure the app meets accessibility standards.
* Worked on continuous integration to streamline the development process and improve code quality.
* Implemented web performance optimizations to improve app loading times.
* Developed and integrated RESTful APIs to enhance data interaction.
* Ensured responsive design for optimal user experience across devices.
* Conducted code reviews to maintain code quality and consistency.
* Communicated effectively with team members to ensure project alignment and collaboration.
* Refactored code to improve maintainability and performance.
* Utilized Yarn for package management.
* Designed and implemented micro frontend architecture.
* Developed Figma mockups and wireframes for design validation.
* Architected web solutions to ensure scalability and maintainability.
* Utilized React-Hook-Form for efficient form handling and validation.
* Implemented authentication and authorization using Auth0.

Technologies used: React, React Native, Tailwind, JavaScript, date-fns, HTML5, CSS3/SASS, CSS modules, Flexbox, Webpack, JSON, GIT, GitLab, Yarn, Figma, React-Hook-Form, Auth0

**Comcast***Senior UI Engineer*June 2021 – February 2023

* Developed a D3-based charting library, now used by multiple teams within Comcast, enhancing data visualization efficiency.
* Created and thoroughly tested React graph components in Storybook, ensuring high quality and reusable UI elements.
* Worked closely with front end engineers, designers, and team members to create a seamless user experience, improving team collaboration and project consistency.
* Developed and published NPM modules for the charting library, facilitating easy integration and usage across projects, reducing development time.
* Integrated internationalization (i18n) to support multiple languages and locales.
* Implemented shell scripting to automate development workflows.
* Utilized Yarn for package management.
* Optimized web performance to enhance user experience.
* Developed and integrated RESTful APIs for data interaction.
* Ensured responsive design for optimal user experience across devices.
* Conducted code reviews to maintain code quality and consistency.
* Created Figma mockups and wireframes for design validation.
* Led the integration of web accessibility features, including compatibility with screen readers, ensuring compliance with accessibility standards and improving usability for all users.

Technologies used: React, D3, TypeScript, JavaScript, date-fns, HTML5, CSS3/SASS, Flexbox, Webpack, JSON, GIT, GitHub, Lerna, Commitizen, Commitlint, Husky, DocuSaurus, Storybook, Yarn, Shell Scripting, Figma, Accessibility Screen Readers

**Retention Science***Senior Software Engineer*January 2021 - June 2021

* Designed and implemented the UI for a complex email marketing tool, increasing user satisfaction.
* Partnered with front end, back end engineers, and QA to develop robust features, leading to a decrease in reported issues.
* Refactored existing code and developed new reusable React components, enhancing code maintainability and reducing future development efforts.
* Implemented web accessibility features to ensure the tool meets accessibility standards.
* Worked on continuous integration to streamline the development process and improve code quality.
* Applied test-driven development (TDD) to ensure code reliability and functionality.
* Optimized web performance to enhance user experience.
* Developed and integrated RESTful APIs for data interaction.
* Conducted code reviews to maintain code quality and consistency.

Technologies used: React, Redux, React Query, TypeScript, JavaScript, HTML5, CSS3/SASS, Flexbox, Webpack, JSON, Jest, Sinon, GIT, GitHub, Storybook, TDD

**TigerConnect Inc.***Web Engineer*January 2020 – October 2020

* Developed UI for high-load TigerConnect products, improving load times and enhancing user experience.
* Worked with web engineers, designers, product owners, and QA to deliver high-quality features, resulting in a significant increase in user engagement.
* Enhanced existing messenger functionality and introduced new features, reducing user-reported issues.
* Implemented web accessibility features to ensure the products meet accessibility standards.
* Worked on continuous integration to streamline the development process and improve code quality.
* Applied test-driven development (TDD) to ensure code reliability and functionality.
* Utilized WebRTC for real-time communication features.
* Optimized web performance to enhance user experience.
* Developed and integrated RESTful APIs for data interaction.
* Ensured responsive design for optimal user experience across devices.
* Conducted code reviews to maintain code quality and consistency.
* Created Figma mockups and wireframes for design validation.

Technologies used: React, Redux, MobX, Electron, TypeScript, JavaScript, HTML5, CSS3/SASS, Flexbox, Webpack, JSON, Jest, GIT, GitHub, WebRTC, TDD, Figma

**Apple Inc.***Technical Lead*July 2018 – December 2019

* Designed and implemented the UI for «GCRM Insight» application, providing actionable insights into AppleCare CRM data using machine learning models.
* Established the structure and architecture for «GCRM Insight» application, ensuring scalability and maintainability.
* Led a team of 2 Front End Engineers to deliver high-quality front-end solutions, fostering a collaborative team environment.
* Developed front end applications using modern JS frameworks and tools, enhancing functionality and user experience.
* Created and implemented design and style guides for internal applications, ensuring consistency across projects.
* Integrated real-time data with backend API to display charts using Bokeh, improving data representation and user interaction.
* Implemented drag-and-drop functionality for chart editor using react-dnd, enhancing user interface interaction.
* Utilized Vega/VegaLite charting library for real-time data streaming, improving data visualization capabilities.
* Integrated front end with various backend APIs, ensuring seamless data flow and application performance.
* Worked closely with backend developers and UI/UX designers to develop optimal solutions, enhancing product quality.
* Actively participated in meetings, contributing to strategic decision-making and project planning.
* Developed innovative UI/UX solutions for company applications, improving user engagement and satisfaction.
* Created a comprehensive UI style guide and its interactive implementation, ensuring uniformity across applications.
* Implemented CSS animations and modern ES6/ES7 features, enhancing code quality and maintainability.
* Developed automated unit tests using Jest and Enzyme, ensuring code reliability and reducing bugs.
* Developed automated integration and end-to-end tests using Cypress, improving testing efficiency and application stability.
* Configured automated tools and module bundlers, streamlining the development process and enhancing productivity.
* Optimized web performance to enhance user experience.
* Developed and integrated RESTful APIs for data interaction.
* Collaborated effectively with team members to ensure project alignment and collaboration.
* Implemented artificial intelligence (AI) features to enhance data analysis and user experience.
* Architected web solutions to ensure scalability and maintainability.

Technologies used: React, Redux, React-dnd, redux-thunk, TypeScript, JavaScript, HTML5, CSS3/SASS, Flexbox, Angular 6, RxJS, Webpack, D3js, Highcharts, Gulp, jQuery, JSON, Python, Bokeh, HoloViews, Jasmine, Karma, GIT, GitHub, Vega, AI

**ADP***Senior Front End Engineer*February 2018 – April 2018

* Developed the front end for a complex customer-facing financial web and mobile application, improving user accessibility and experience.
* Created front-end UI using HTML5, CSS3, and JavaScript, ensuring a responsive and visually appealing interface.
* Redesigned and created reusable components, pipes, and directives in Angular 5, enhancing code maintainability and efficiency.
* Structured TypeScript code using Angular, improving code organization and readability.
* Worked with product management and UX teams to deliver an exceptional user experience, resulting in increased user satisfaction.
* Developed native mobile apps for iOS and Android, expanding the application's reach and usability.
* Created and modified component styles using SASS/CSS, ensuring consistent and maintainable design.
* Optimized code for performance and readability, enhancing application speed and maintainability.
* Collaborated with developers, designers, and QA in an agile environment to deliver high-quality features.
* Developed automated tests using Karma and Jasmine, ensuring code reliability and reducing bugs.
* Fixed cross-browser compatibility issues (Safari, IE11+), ensuring a consistent user experience across different browsers.
* Worked in an agile/scrum environment, contributing to efficient project management and delivery.
* Implemented web performance optimizations to enhance user experience.
* Developed and integrated RESTful APIs for data interaction.
* Ensured fintech-specific compliance and functionality in the application.
* Conducted code reviews to maintain code quality and consistency.

Technologies used: Angular 5, JavaScript, TypeScript, HTML5, CSS3/SASS, Flexbox, RxJS, XCode, Webpack, Karma, Jasmine, Fintech

**1Automatic LLC***Front End Developer / Technical Director*January 2014 – November 2017

* Developed landing pages and marketing websites, increasing online presence and user engagement.
* Created designs for landing pages, ensuring visually appealing and user-friendly interfaces.
* Developed and optimized DB queries using MongoDB, ensuring efficient data retrieval and storage.
* Converted PSD mockups to HTML5/CSS3/JavaScript, ensuring pixel-perfect implementation.
* Developed JavaScript for Node JS applications, enabling efficient server and network interactions.
* Applied Agile and Scrum methodologies, contributing to efficient project management and delivery.
* Tested HTML pages across various devices (desktops, tablets, mobile phones), ensuring a consistent user experience.
* Integrated landing pages with WHMCS, streamlining the user experience and payment processes.
* Developed internal programs using React/Redux, enhancing operational efficiency and productivity.
* Implemented ES6/ES7 features, writing clean and maintainable code for long-term projects.
* Developed automated tests using Mocha, Expect, and Enzyme, ensuring code quality and reliability.
* Led a team of developers, ensuring project goals were met and fostering a collaborative environment.
* Developed interactive UI/UX prototypes, improving design iterations and stakeholder feedback.
* Collaborated in UX/UI creation, enhancing user experience and interface design.
* Recruited and onboarded technical staff, strengthening the development team.
* Managed a team of designers and an executive manager, ensuring effective project execution and team coordination.
* Utilized JavaScript to add dynamic content to web pages, enhancing interactivity and user engagement.
* Created page layouts, navigation, animations, buttons, and icons using HTML5, CSS3, and JavaScript, ensuring a cohesive and user-friendly design.
* Developed comprehensive software requirements specifications, guiding the development process.
* Assigned tasks to front end and back end developers, ensuring project milestones were met.
* Trained staff on writing software requirements specifications, improving documentation quality.
* Worked with usability specialists and system administrators to enhance the quality and performance of software products.
* Collaborated with analysts to refine software products, ensuring high quality and user satisfaction.
* Coordinated the development of advertising materials and websites, ensuring consistency and effectiveness in marketing efforts.
* Implemented web performance optimizations to enhance user experience.
* Developed and integrated RESTful APIs for data interaction.
* Ensured responsive design for optimal user experience across devices.

Technologies used: JavaScript, SASS/CSS3, HTML5, jQuery, Bootstrap 3, Gulp, jQuery, WHMCS, BEM, React, Redux, MongoDB, Express, NodeJS

**Education:**

* 2003 – 2004 - Novosibirsk State Technical University (NSTU) (Russian Federation) - Engineer Degree
* 1999 – 2003 - Novosibirsk State Technical University (NSTU) (Russian Federation) - Bachelor Degree