

# Miller Johnston

## Software Engineer

Fullstack Javascript engineer with experience in React, Redux, Node.js, Express, PSQl, and MongoDB. I enjoy learning the nuances of different web technologies and have also done work in Svelte, Angular, Next and vanilla DOM manipulation. Currently, my favorite combination is Next with Typescript and TailwindCSS. I am excited to join a team of talented engineers to solve interesting problems and build applications with the user in mind.

## Contact

### Phone

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### Email

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### Socials

[www.linkedin.com/in/miller-johnston](https://www.linkedin.com/in/miller-johnston)

[www.github.com/MillerJ20](https://www.github.com/MillerJ20)

## Skills

JavaScript ES6+, Git, HTML/CSS, Svelte, React (+Hooks and Router), Redux(+Hooks, Thunk, and Toolkit), SQL, NoSQL, Node.js, Express, Webpack, AWS(EC2, S3, ACM), D3, Electron, CodeMirror, Docker, RESTful API's, bcrypt, TypeScript, Jest, PostgreSQL, DOM Manipulation, Systems Design, SDLC, JWT, Object Oriented Programming, GitHub, ChakraUI, MaterialUI, Next.js, TailwindCSS

## Interests

Video Game Development (Unity), Specialty Coffee (currently loving americanos), Sample-Based Hip Hop, Building and Upgrading Computers, Home Cooking, Walkable City Planning and Design, Being a plant and dog dad, Independent Video Games

## Public Talks

### Design Patterns in Javascript

Single Sprout Speaker Series

### Intro to Javascript: Functions and Objects

Codesmith Javascript Workshops

## Experience

### Codesmith | Software Engineer

March 2022 - June 2022

- Facilitated code review with junior engineers to ensure adherence to best practices, led team whiteboarding and code walk-through sessions, and gave project execution advice to foster technical and professional development.
- Delivered one-on-one mentoring on full-stack development principles, including DOM manipulation, state management, authorization with JWT and bcrypt, client-server architecture, REST API work, and SDLC patterns including MVC, Flux, and TDD.
- Led instructional workshops on software development fundamentals such as asynchronous JavaScript, data structures, React, Redux, Node, Express, SQL & NoSQL databases, AWS, and CI/CD to efficiently onboard over 400+ developers a year.
- Assisted junior engineers with migrating to Typescript according to industry trends as a means of catching type related errors during compile time as well as providing type safety to make code refactoring and maintenance more efficient and safe in a team environment.
- Proctored technical interviews to assess a prospective engineer's JavaScript proficiency, technical communication, problem solving, debugging abilities, engineering empathy, and cultural fit ensuring that candidates have the necessary skills to be an effective engineer.

### SvelteStorm | [svelte-storm.com](https://svelte-storm.com) | Software Engineer

December 2021 - March 2022

- Used Electron to build a Svelte IDE desktop application that provides Svelte developers with all the tools essential to frontend development including a reactive component tree, using XTerm to develop a fully-functioning terminal environment, leveraging CodeMirror to craft a code editor with bracket-pair matching and syntax highlighting, and a browser window to display project's client views within SvelteStorm.
- Electron-forge was implemented as its transpilation of code under the hood allowed for minimal time spent configuring a distributable that allowed users to download an executable that is compatible across Linux, Windows, and Mac machines.
- Worked within an Agile Scrum workflow to facilitate sprints and utilize Asana to assign tickets for development tasks and meet deadlines.
- Optimized application by updating dev dependencies to recoup technical debt which lead to dramatically increased load times for the user; both in starting the application initially as well as uploading and opening user-provided files once the application was open.
- Incorporated a content security policy (CSP) in Electron as a means to increase the overall security of the application.
- Developed search & display functionality for Svelte components using an Abstract Syntax Tree and D3, to streamline management of dependencies and application state.
- Product developed under tech accelerator OSLabs ([opensource.labs.io](https://opensource.labs.io))

### Acorn Technology Services | Account Manager

September 2019 - November 2021

- Maintained a relationship with multiple points of contact within our customer's organizations by participating in weekly meetings, developing 5-year technology plans, ensuring network equipment is being monitored, keeping active in email threads, facilitating purchases/change orders, and renewing software subscription licensing.
- Facilitated the onboarding of new customers by being present during an initial assessment of current network and hardware infrastructures, as well as documenting critical applications. Developed a contract to implement recommendations and bring the customer under support by Acorn