

Kyle Johnson

(708) 890-2821 | kylejohnson@mailfence.com | linkedin.com/in/KyleJohnson42 | github.com/KyleJohnson42

Technical Skills

Languages | JavaScript (ES5/ES6), TypeScript, C#, C++, SQL, VBScript

Front End | React, jQuery, HTML5, CSS3 (Grid/Flexbox), Three.js, C3.js, styled-components, Webpack, Babel

Back End | MySQL, SSMS, PostgreSQL, MongoDB, Mongoose, Node.js, Express.js, Axios, NGINX, Loader.io, RESTful APIs

Other Tools | Vim, Git, Mocha, Chai, AWS (EC2), Azure, Heroku, Cloudinary, A11y, Postman, SendGrid, Acuity Scheduling

Previous Experience

Invene - MyLabsDirect | Software Developer | React, Express.js, Azure, SendGrid, Acuity 2021 - 2022

Multipurpose patient portal capable of scheduling various medical services and delivering their results.

- Designed data collection form to process insurance claims and deliver COVID-19 testing to **over 10,000 users**
- Architected **mobile responsive** medical data visualizations, graphs, and charts with custom styled components
- Integrated **SendGrid email** and **Acuity scheduling** tools to guide users through full laboratory visit process

Invene - Pelitas | Software Developer | C#, VBScript, SQL, SSMS 2022 - 2022

Internal hospital software used to track patient records and insurance details, preparing for major version update.

- Consolidated knowledge from over 10 developers and engineers to rapidly adapt to **legacy codebase**
- Updated **SSMS stored procedures** and created SQL scripts to accurately relay patient data to hospital registrars
- Accommodated disparate custom requests and data reporting solutions for **over 25 hospitals**

Amazon | Front End Engineer 1 | React, AWS, Internal Tools 2022 - 2023

Internal financial planning tool used by physical stores to consolidate past statistics and model future scenarios.

- Improved **code cleanliness** and addressed tech debt to future-proof development of product
- Collaborated across **multiple development teams** to properly update complex codebase
- Learned unique internal **testing and integration tools** to ensure efficient and bug-free deployments

Software Engineering Applications

Catwalk | Front End Engineer | React, Express.js, A11y, Cloudinary, HTML5, CSS3 *GitHub Repo*

Modernized front page of e-commerce website implemented by Agile team of software engineers.

- Implemented optimized data filtering and keyword search functionality with careful **React state management**
- Adapted quickly to change request by recording page interaction data via **higher order React components**

Atelier | Back End Engineer | Express.js, PostgreSQL, AWS, NGINX, Loader.io *GitHub Repo*

Total redesign of legacy API and database to allow for application scaling and higher web traffic.

- Scaled multiple **AWS EC2** instances horizontally with **NGINX** load balancing, increasing throughput by 200%
- Reduced query latency by 50% by combining **database queries** in poorly performing API route

Help Me Out! | Product Manager | React, Express.js, MongoDB, React Router, TalkJS, OAuth *GitHub Repo*

Community focused social media platform designed to facilitate neighborhood DIY resource sharing.

- **Led Agile team** of 7 software engineers to efficiently design and create multi-page, full stack website
- Transformed vague ideas into distinct, actionable user stories and tickets via proactive **team communication**

Education

Hack Reactor | Advanced Software Engineering Immersive Program 2021

Rensselaer Polytechnic Institute | Mathematics 2012 - 2016

- Relevant coursework: Advanced Calculus, Differential Equations, Linear Algebra, Data Structures, Algorithms

Personal

- Bass-Baritone singer, 8 years of choir and a cappella experience
- 6 year veteran Dungeons and Dragons Game Master