

# Jason Lieb

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## SUMMARY

Software engineer with a certificate in Full Stack Web Development from Georgia Tech and a unique perspective from my background in mechanical engineering and administration of product data management systems. Proven ability to manage multiple projects, troubleshoot technical issues, and collaborate effectively with cross-functional teams.

## SKILLS

**Languages:** JavaScript, TypeScript, Java

**Front End:** HTML, CSS, React, Redux, Svelte, Bootstrap, jQuery, Tailwind

**Back End:** Node.js, Express, Handlebars

**Databases:** SQL, MySQL, Sequelize, NoSQL, MongoDB, Mongoose

**Concepts:** RESTful APIs, Object Relational / Data Mapping, Model View Controller, Agile Methodology

**Miscellaneous:** GraphQL, Jest, ESLint, Prettier

## PROJECTS

**Browse Smart** | [Github.com/Jason-Lieb/Browse-Smart](https://github.com/Jason-Lieb/Browse-Smart) | [Chrome Web Store Link](#)

- A Chrome Extension that creates a pinned tab in each window and syncs with a background service worker to display open tabs and allow the user to delete or sleep tabs for organization and speed.
- Technologies Used: Svelte, Vite, Pico.CSS, Chrome Manifest V3

**Rhythm Room** | [Github.com/Jason-Lieb/Rhythm-Room](https://github.com/Jason-Lieb/Rhythm-Room) | [Rhythm-Room.Herokuapp.com/](https://Rhythm-Room.Herokuapp.com/)

- A full-stack MERN web application to create and share playlists using Spotify and OpenAI APIs
- Technologies Used: React, Node.js, Express, MongoDB, GraphQL, Heroku, Material UI

**Stock Visualizer** | [Github.com/Jason-Lieb/Stock-Visualizer](https://github.com/Jason-Lieb/Stock-Visualizer) | [Jason-Lieb.github.io/Stock-Visualizer](https://Jason-Lieb.github.io/Stock-Visualizer)

- A data visualization React single page application that shows historical data for popular stocks, currency exchange rates, and US government data
- Technologies Used: React, Bootstrap, Vite, React Query, Google Charts

**Fiesta Collector** | [Github.com/Jason-Lieb/Fiesta-Collector](https://github.com/Jason-Lieb/Fiesta-Collector) | [Fiesta-Collector.Herokuapp.com](https://Fiesta-Collector.Herokuapp.com)

- A full-stack inventory application for collections of Art Deco dinnerware using Express and MySQL
- Technologies Used: Heroku, Node.js, Express, MySQL, Sequelize, Handlebars, Tailwind

## EXPERIENCE

**NSI-MI Technologies, Inc.**

**Suwanee, GA**

*Mechanical Engineer / Product Data Management Administrator*

*June 2020 - December 2022*

- Manage a portfolio of 3-5 engineering projects while working with teams and project managers to ideate solutions to customer and program needs.
- Serve as the company's head PDM administrator, managing an enterprise-wide PDM system, troubleshooting technical issues, and optimizing engineering workflow.
- Spearheaded the migration of over 10,000 files with an error rate of less than 1% from a different file control system using automated VBA scripts and Excel data analysis.
- Support configuration management and version control using SolidWorks PDM and Costpoint ERP knowledge.

**Area-I, Inc.**

**Kennesaw, GA**

*Mechanical / Aerospace Engineer*

*May - August 2018, January - April 2019*

- Developed and implemented avionics systems, including Arduino airspeed display, UAV launcher, and batteries

## EDUCATION

**Georgia Institute of Technology**

**Online**

*Certificate in Full Stack Web Development*

**Georgia Institute of Technology**

**Atlanta, GA**

*Bachelor of Science in Mechanical Engineering with Highest Honors*

- Relevant Coursework: Computing for Engineers (MATLAB), Computing Techniques