Jason Lieb

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Github.com/Jason-Lieb/ | Jason-Lieb.Github.io/Portfolio

OBJECTIVE

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

Front End: HTML, CSS, Javascript, 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 | 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 | 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 | 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 | 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
- GPA: 3.74 / 4.00
- Relevant Coursework: Computing for Engineers (MATLAB), Computing Techniques

LEADERSHIP EXPERIENCE

Boy Scouts of America: Eagle Scout