

# Jason Lieb

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[Github.com/Jason-Lieb/](https://github.com/Jason-Lieb/) | [Jason-Lieb.Github.io/Portfolio](https://jason-lieb.github.io/Portfolio)

## EXPERIENCE

### Freckle by Renaissance

Remote

Full-Stack Software Engineer

May 2023 - Present

- Developed and maintained responsive web applications using React and TypeScript, enhancing user experience and performance through rapid prototyping and A/B testing.
- Architected and implemented server-side solutions in Haskell, leveraging functional programming principles to ensure robust data handling and efficient business logic execution.
- Streamlined CI/CD pipelines by optimizing GitHub Actions, improving efficiency and cutting deployment times by 48%.
- Designed and deployed RESTful APIs in Haskell using OpenAPI spec, facilitating seamless type-safe communication between frontend and backend components.
- Implemented state management solutions using Redux, Zustand, and the Context API.
- Championed the adoption of libraries including React Query and Vite, promoting modern development practices within the team.
- Led end-to-end project delivery, overseeing frontend, backend, and database migration to ensure timely and successful rollouts.
- Continuously upskilled to stay ahead of emerging technologies and frameworks, maintaining technical expertise.
- Collaborated with product management and curriculum teams to strategize and prioritize deliverables.

### 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 collaborating with teams and project managers to identify customer and program requirements and design effective solutions.
- Serve as the company's head PDM administrator, managing an enterprise-wide PDM system, troubleshooting technical issues, writing documentation, and optimizing engineering workflows.
- 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.

## EDUCATION

### Georgia Institute of Technology

Atlanta, GA

Bachelor of Science in Mechanical Engineering with Highest Honors

### Georgia Institute of Technology

Remote

Certificate in Full Stack Web Development

## SKILLS

**Languages:** JavaScript, TypeScript, Haskell, Python, Nix

**Front End:** HTML, CSS, React, Svelte

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

**Databases:** SQL, PostgreSQL, MongoDB

**Devops:** GitOps, Github Actions, CI/CD

**Linux:** Fedora, NixOs, Bash, Git, AWS, Docker

## PROJECTS

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

- Chrome extension that allows the user to save browser tabs as markdown and manage them.
- Implement a background service worker to create and delete tabs and save snapshots of open windows as a backup.

**Obsidian Browser Interface Plugin** | [Github.com/Jason-Lieb/Obsidian-Browser-Interface-Plugin](https://github.com/Jason-Lieb/Obsidian-Browser-Interface-Plugin)

- Created an Obsidian plugin to help users manage windows saved with the Browser Interface extension.
- Leveraged the Obsidian API and third-party plugins to implement UI features inside markdown.