

# Hailey Sellars

## Full Stack Software Engineer

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Technical fashion designer turned software developer. Fluent in balancing multiple projects and managing technical processes with ever-changing priorities and products. I believe in a seamless relationship between form and function—bringing ideas to life through clean code and engaging design.

## Skills

**Languages** | JavaScript, HTML, CSS, Sass

**Frameworks** | Node.js, Express.js, React.js, Next.js, Tailwind CSS

**Tools** | Mongoose, Bcrypt, JSON Web Token, Artillery, Jest, Supertest, Digital Ocean, NGINX, Certbot, PM2

**Software** | Figma, Adobe Illustrator, Adobe Photoshop

## Technical Projects

**Lounger | E-Commerce Website** | [GitHub Repo](#) | [Live Demo](#)

- Lounger is an e-commerce website for purchasing various kinds of chairs. Customers can browse and shop as a guest, or they can choose to create an account to access features such as viewing their order history or creating wishlists.
- Built with JavaScript, React.js, Webpack, Gulp, Express.js, Mongoose, Bcrypt, Dotenv, and JsonWebToken
- Deployed with Digital Ocean, NGINX, Certbot, and PM2

**a brick breaker game™ | HTML Browser Game** | [GitHub Repo](#) | [Live Demo](#)

- Built with HTML, CSS, and JavaScript

**Dock It | Project Management API** | [GitHub Repo](#)

- Built with JavaScript, Express.js, Mongoose, Bcrypt, Dotenv, JsonWebToken, Jest, Supertest, MongoDB Memory Server, and Artillery

**Bazaar | E-Commerce Website Group Project** | [GitHub Repo](#) | [Live Demo](#)

- Roles: Designer, Scrum Master, Software Engineer
- Built with JavaScript, React.js, Express.js, Mongoose, Webpack, Gulp, Babel, Bcrypt, Dotenv, and JsonWebToken
- Deployed with Digital Ocean, NGINX, Certbot, and PM2

## Relevant Experience

**General Assembly** | Remote

**Software Engineering Student** | Mar 2023 - Sept 2023

Full-time immersive program in Software Engineering consisting of 480+ hours of study, practice, professional training, and mentorship.

## Professional Experience

**Madewell** | New York, NY

**Technical Designer** | May 2022 - Present

**Associate Technical Designer** | Apr 2021 - May 202

- Train and manage assistant technical designers and freelance team members to promote a smooth transition onto the team and foster growth
- Handle all aspects of the fit process for all women's sweaters, including sweater tops, jackets, dresses, bottoms, and jumpsuits
- Create initial development specs for prototype samples, providing clear guidance and setting the foundation for successful product iterations
- Perform fittings on both missy and plus size models and communicate all changes to overseas factories through fit comments, diagrams, and visual references to establish clarity in intent and facilitate timely approvals
- Collaborate cross-functionally with Design, Production, and Merchandising teams to maintain production timelines and ensure quality products

**John Varvatos** | New York, NY

**Assistant Technical Designer** | Oct 2017 - Apr 2021

- Created and managed tech packs for all knits and sweaters categories from the development stage to bulk production, ensuring clear communication with cross-functional team members and overseas vendors
- Developed initial specs for prototype sampling, setting the foundation for a successful product line
- Measured and prepared all fit samples and performed fittings on live models to gather feedback and improve garment quality

- Created detailed fit comments and sketches to communicate corrections to factories clearly and ensure understanding of fit intent

## Education

**General Assembly | Software Engineering Immersive** | Remote | Sept 2023

**The University of Texas at Austin | B.S. Textiles and Apparel Design** | Austin, TX | May 2017