

Hailey Sellars

Full Stack Software Engineer

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Technical fashion designer turned software engineer. 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 a full-stack 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, Sass, Express.js, Mongoose, Webpack, Gulp, Babel, Bcrypt, and JsonWebToken
- Deployed with Digital Ocean, NGINX, Certbot, and PM2

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

- a brick breaker game™ is an HTML browser game based on Atari's classic arcade game, Breakout. The goal of the game is to destroy all the bricks on the screen by using the paddle to bounce the ball toward them, without letting the ball fall below the paddle.
- Built with HTML, CSS, and JavaScript

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

- Dock It is a RESTful API with full CRUD functionality for both personal and team project management. With the Dock it API, users can create and manage personal projects, create and manage teams and team projects, and create and manage project tasks.
- Built with JavaScript, Express.js, Mongoose, Bcrypt, JsonWebToken, Jest, Supertest, MongoDB Memory Server, and Artillery

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

- Bazaar is a full-stack e-commerce marketplace project built in collaboration with 7 other engineers. With Bazaar, customers can browse products and shop as a guest, or they may create an account to access additional features such as favoriting items, creating a shop, and uploading their own products for sale.
- Built with JavaScript, React.js, Sass, Express.js, Mongoose, Cloudinary, Webpack, Gulp, Babel, Bcrypt, 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 2022

- 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