



JUSTIN WASSERSTEIN

Mechanical Engineer → Web Developer



justin.wasserstein@gmail.com
(860) 299-5554

About Me
▼

ABOUT

Hi, I'm Justin! 🙌

I'm a mechanical design engineer with nearly 5 years of experience, looking to break into web development. After using COVID-19 stay-at-home as an opportunity to learn, I'm looking for my first job! I used this time to learn the MERN stack, but I'm interested in learning about Python, Java, C/C++, SQL, or DevOps. I'm looking for a role where I can continue my fast growth, either taking advantage of the skills I've already built or allowing me to build new ones. I'm from Connecticut, but I'd like to move to one of the major urban areas such as San Francisco, Seattle, Chicago, Boston, New York, DC, Miami, Austin, Denver, or Los Angeles.

SKILLS

HTML

CSS

Javascript

React

Redux

Node.js

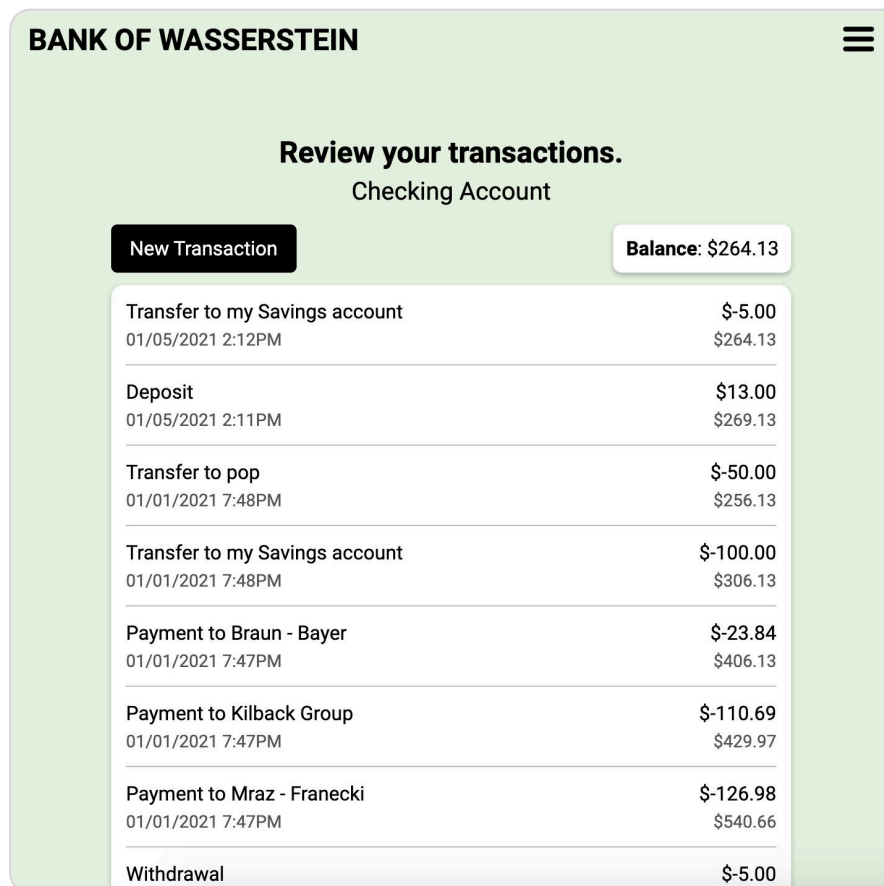
Express

MongoDB

Git

Figma

PROJECTS



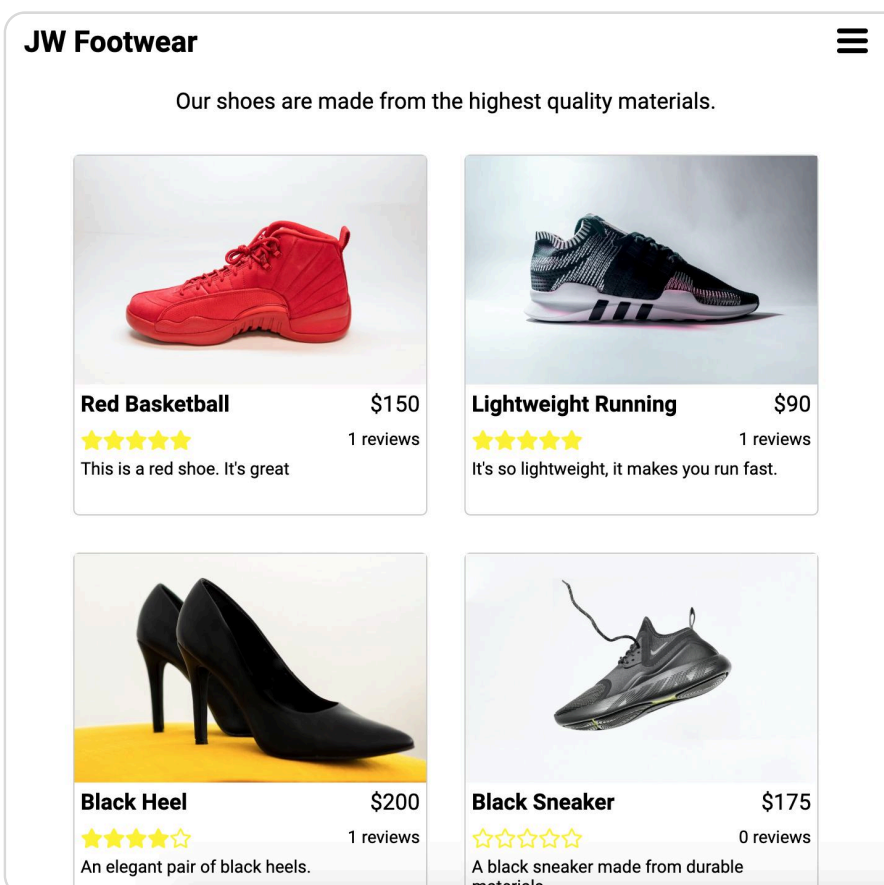
BANK OF WASSERSTEIN

BANK OF WASSERSTEIN is a demonstration banking application that allows users to create checking, savings, and investing accounts, submit deposits and withdrawals, and transfer money to other users. It's a fullstack application that uses React and Redux on the frontend and Node.js, Express, and MongoDB on the backend. It's hosted on Heroku and uses a managed database on MongoDB Atlas. I designed it using Figma.

How to Use: Sign up for a user account, then create a checking, savings, or investing account.

What I Learned: As this was my first project that wasn't guided by a course, it solidified my knowledge in every step of the fullstack application making process, including the design and basic HTML/CSS, working with React and Redux, creating routes and handling authentication, working with the database, and deployment.

[View Project](#) [GitHub \(frontend\)](#) [GitHub \(backend\)](#)



JW Footwear

JW Footwear is a demonstration e-commerce application that sells shoes. It allows users to add shoes of various sizes to their cart, place orders, view their order history, and leave reviews and ratings on products they've purchased. I built it using the same MERN stack as BANK OF WASSERSTEIN, and it uses the same cloud services - Heroku and MongoDB Atlas.

How to Use: View the various shoes for sale, pick a size and add to your cart. Make an account and you'll be able to checkout with shipping and fake payment information. View your order history in your profile by clicking on your account name.

What I Learned: As this was my second application, it was my first opportunity to reuse components, adapting them where necessary to my new project. I found it more challenging to make this app responsive due to the more complex interface. This application was also generally more complex, with more pages, database collections, and components.

[View Project](#) [GitHub \(frontend\)](#) [GitHub \(backend\)](#)

PLACEHOLDER

Placeholder

EXPLANATION OF THE PROJECT

- What technologies you used to build it
- What you learned while developing it
 - First project where I could reuse components

[View Project](#) [GitHub \(frontend\)](#) [GitHub \(backend\)](#)

EXPERIENCE

PRATT & WHITNEY

Mechanical Design Engineer

2017 - Current

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FORD MOTOR COMPANY

Mechanical Design Engineer

2015 - 2016

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EDUCATION

UNIVERSITY OF CONNECTICUT

Mechanical Engineering

2011 - 2015

Graduated in 2015 with a B.S. in Mechanical Engineering and a 3.4 GPA

- Led UConn's Driver Controls team in a student design competition to design, build, and race a small single seat racecar
- Used an Arduino to prototype an automated shifting system

CONTACT

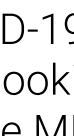
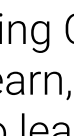


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Figma

PROJECTS

BANK OF WASSERSTEIN

Review your transactions.
Checking Account

New Transaction

Balance: \$264.13

Transfer to my Savings account 01/05/2021 2:12PM	\$-5.00 \$264.13
Deposit 01/05/2021 2:11PM	\$13.00 \$269.13
Transfer to pop 01/01/2021 7:48PM	\$-50.00 \$256.13
Transfer to my Savings account 01/01/2021 7:48PM	\$-100.00 \$306.13
Payment to Braun - Bayer 01/01/2021 7:47PM	\$-23.84 \$406.13
Payment to Kilback Group 01/01/2021 7:47PM	\$-110.69 \$429.97
Payment to Mraz - Franecki 01/01/2021 7:47PM	\$-126.98 \$540.66
Withdrawal	\$-5.00

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JW Footwear

Our shoes are made from the highest quality materials.

Red Basketball \$150
★★★★★
1 reviews
This is a red shoe. It's great

Lightweight Running \$90
★★★★★
1 reviews
It's so lightweight, it makes you run fast.

Black Heel \$200
★★★★☆
1 reviews
An elegant pair of black heels.

Black Sneaker \$175
☆☆☆☆☆
0 reviews
A black sneaker made from durable materials.

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