

JERRIK SHAW

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[Portfolio](#)

[Github](#)

[Linkedin](#)

SKILLS Python, Pandas, Metaflow, Mlflow, AWS, Ruby, JavaScript, React.js, SQL, Git, HTML5, CSS3

PROJECTS

Jelp (PostgreSQL, Ruby, Rails, React, Redux, Javascript, SQL)

[github](#)

A pixel perfect clone of the Yelp web app.

- Integrated AWS S3 for photo management increasing scalability by storing images on Amazon servers.
- Embedded Google Maps API with geolocation-based searching to display location of all businesses that match a search showing users what businesses are in the area.
- Used Bcrypt to salt and hash a users password and then saved the hash to the database allowing authentication of a user without saving their password and protecting from possible attacks.

Brick Destroyer (Javascript, HTML5 canvas)

[live site](#) | [github](#)

A rendition of the classic game Breakout with a retro game theme

- Developed a parsing engine that accepts a matrix of integers and outputs a level object which gives the app flexibility to be modified and expanded on in the future.
- Used vanilla Javascript to handle game logic and manipulating the DOM to render different elements of the game.
- Created a canvas element for animating various sprites to the screen allowing the user to interact seamlessly with different objects improving UI/UX.

Deal Cliq (Mongo, Express, React, Node.js)

[github](#)

A search app that aggregates various APIs (eBay, Etsy) and cheerio to scrape amazon to provide users with the most up-to-date price information

- Instituted a React component for the session forms that changes based on the container that is connecting the form following good coding practices by keeping the code DRY.
- Collaborated with a team using an agile workflow which cultivated a great team environment, by implementing this strategy the app was completed in only 7 days.

EXPERIENCE

Software Engineer (Python, Pandas, AWS)

June 2019 - November 2024

23andMe

- Develop and maintain an internal full stack web application to recruit for/ manage clinical trials.
- Collaborated with a small team in an agile workflow with a week long sprint.
- Application is scalable to handle cohorts of over a million people.
- Develop and maintain an internal server side service to help researchers analyze data for a customer base of over 16 million people.
- Lead project to migrate other internal applications to our service to deprecate a legacy system that was costing ~15,000 a month.

Craftsman

AAA Kartak glass and closet

Oct 2015 - June 2017

- Onboarded and managed up to three employees integrating them into the team environment by teaching new team members how to efficiently assemble product.
- Worked directly with customers to resolve scheduling conflicts and any repairs that may need to be done.

EDUCATION

App Academy (October 2018 - January 2019)

- 1000+ hour coding course with < 3% admission rate with pair programming
- Immersive 3 month coding bootcamp with a focus on full-stack development