

Gabriel Hicks

Software Engineer

me@gabrielhicks.dev | [GitHub](#) | [LinkedIn](#) | [Portfolio](#) | [Blog](#) | 515-729-2469 | New York, NY

TECHNICAL SKILLS

- **Languages:** JavaScript, Ruby, HTML, CSS, SQL
- **Libraries/Frameworks:** React, Redux, Ruby on Rails, React Native, styled-components, Bootstrap
- **Software/Tools:** AWS Amplify, Version Control (Git), Heroku, Jest, RTL, RSpec, PostgreSQL, SQLite, GraphQL

TECHNICAL PROJECTS

Tutorial Heaven | React, Redux, Rails, PostgreSQL, Redis, HTML/CSS

[Frontend](#) | [Backend](#)
[Website](#) | [Video](#)

- Utilized Redux and React Hooks for state management and to optimize web performance
- Developed responsive UI using Framer Motion, Icons8, and Material-UI in conjunction with styled-components
- Demonstrated WebSocket protocol leveraging ActionCable and Redis to enable real-time chat rooms
- Enabled user authentication with JWT in local storage and secure, encrypted user database

rPlants | React, Rails, PostgreSQL, HTML/CSS

[Frontend](#) | [Backend](#)
[Website](#) | [Video](#)

- Optimized a fully responsive User Interface with custom styled-components and CSS.
- Implemented anonymous cart and checkout using localStorage and PayPal developer tools.
- Utilized JWT authentication and BCrypt to safely store sensitive user data.
- Created an interactive map with pins of our items' sources using Leaflet-React, OSM, and GeoJSON.

Synthwave | JavaScript, Rails, PostgreSQL, HTML/CSS

[Frontend](#) | [Backend](#)
[Website](#) | [Video](#)

- Leveraged ActiveStorage and Amazon S3 to store, retrieve, and play user created sound files.
- Generated audio visualizer that displays a user's recorded frequency data on to an HTML5 canvas.
- Developed recording and playback capabilities using WebAudio API Audiocontext.

WORK EXPERIENCE

Whimser | Software Engineer - Internship

Dec 2020 - Present

- Engineering reusable web and native React components for a cognitive behavioral therapy focused application to allow a user to challenge negative thoughts and understand cognitive distortions.
- Utilizing agile software development strategies to prototype, implement, and deploy features embedded within a cross functional and multi disciplinary team.
- Implementing industry React and React Native best practices within Expo and Next.js environments to maximize the reusability and extensibility of my code.

Kline Electric Inc | Electrician

May 2018 - Jul 2020

- Completed 4600+ combined On-The-Job training and Classroom hours, Certified OSHA-10 & Aid/CPR/AED
- Installed electrical control, wiring, and lighting systems on over 150 new and custom houses and condominiums.
- Planned, troubleshoot, and executed technical blueprints and diagrams to meet NEC requirements while accurately proposing, estimating and delivering on residential construction deadlines.
- Worked within a collaborative and diverse team that required constant learning and the ability to teach juniors.

Ames Tribune | Warehouse Supervisor

Sept 2017 - Mar 2018

- Managed the receiving and distribution of publications to over 19,000 households weekdays, 26,000 weekends.
- Recruited independent contractors, managed delivery routes, and relationships with commercial partners.

EDUCATION

Flatiron School

Immersive program focused on JavaScript, React, Redux, and Ruby on Rails RESTful APIs

New York, NY
Aug 2020 - Dec 2020

Iowa State University

Coursework completed towards a Bachelor of Science degree in Supply Chain Management

Ames, IA
Jan 2014 - Sept 2017