

Gabriel Hicks

Software Engineer

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Technical Skills

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

Relevant Experience

Tutorial Heaven | React, Redux, Rails, PostgreSQL, 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, 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 localStorage and secure, encrypted user database

rPlants | React, Rails, PostgreSQL, HTML, CSS [Frontend](#) | [Backend](#) | [Website](#) | [Video](#)

- Optimized mobile responsive User Interface with custom styled-components and CSS
- Implemented anonymous cart and checkout using localStorage and PayPal developer tools
- Leveraged localStorage to persist cart data between refresh, login, logout, with a set timeout function
- 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

Whimsier | Software Engineer - Internship Dec 2020 - Present

- Engineering web and mobile applications with Jamstack architecture using Contentful as CMS, AWS Cognito, S3, Appsync services, and a shared serverless AWS Amplify backend
- Utilizing agile software development methodologies and Jira 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 training and Classroom hours, Certified OSHA-10 & Aid/CPR/AED
- Installed electrical control, wiring, and lighting systems on over 150 new and custom homes and condominiums
- Planned, troubleshoot, and executed technical blueprints to meet NEC requirements while accurately proposing, estimating and delivering on residential construction deadlines
- Worked within a collaborative team requiring constant learning and ability to teach juniors in a fast-paced environment

Ames Tribune | Warehouse Supervisor Sept 2017 - Mar 2018

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

Education

Flatiron School New York, NY
Immersive Full Stack Software Engineering program focused on JavaScript, React, Redux, and Ruby on Rails RESTful API creation Aug 2020 - Dec 2020

Iowa State University Ames, IA
Coursework completed towards a Bachelor of Science degree in Supply Chain Management Jan 2014 - Sept 2017