

# Gabriel Hicks

Software Engineer

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## TECHNICAL SKILLS

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- **Languages:** JavaScript, Ruby, HTML, CSS, SQL ( PostgreSQL, SQLite )
- **Libraries/Frameworks:** React, Redux, Rails, React Native, styled-components, GraphQL
- **Development Tools:** AWS Amplify, Version Control, Heroku

## TECHNICAL PROJECTS

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**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

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**Whimser** | Software Engineer - Intern

December 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 consistent with a designer, data analyst, and product manager's collective vision.
- 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 - July 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

September 2017 - March 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

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**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