

# Gabriel Hicks

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## SOFTWARE ENGINEER

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Full-stack engineer who enjoys dynamic, responsive, and beautiful web functionality. Passionate about helping others and contributing to society through software. Background in client-facing solutions, includes experience in hospitality, warehouse management, and as an electrician. Enjoy working within a fast paced, cross functional team and am motivated and persistent in the face of adversity. I am teachable and eager to continue learning as I trudge the road of happy destiny.

## TECHNICAL SKILLS

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**Languages:** JavaScript, Ruby, HTML, CSS, SQL (PostgreSQL, SQLite)

**Frameworks and Libraries:** React, Redux, Rails, Material-UI, styled-components, Bootstrap

**Developer Tools:** Version Control (Git), S3 (AWS), VS Code, Heroku

## 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 chatrooms
- 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

**YouPlay** | *Ruby, Rails, PostgreSQL, jQuery, HTML/CSS*      [GitHub](#) | [Website](#) | [Video](#)

- Implemented search bar that dynamically populates and stores result using jQuery and YouTube API
- Created RESTful API routing for user profiles, playlist CRUD functions, and fully responsive UI using CSS

## EXPERIENCE

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**Electrician**      May 2018 – Jul. 2020

*Kline Electric Inc*      *Des Moines, IA*

- Completed 4600+ combined On-The-Job training and Classroom hours, Certified OSHA-10 and Aid/CPR/AED
- Installed, electrical control, wiring, and lighting systems on over 150+ new and custom houses and condominiums
- Planned, troubleshot, and executed technical blueprints and diagrams, to meet NEC guidelines and customer needs

**Ames Tribune**      Sep. 2017 – Mar. 2018

*Warehouse Supervisor*      *Ames, IA*

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

**Best Western University Inn**      Sep. 2014 – Apr. 2017

*Maintenance / Breakfast Attendant*      *Ames, IA*

- Worked morning and afternoon shifts full-time while attending college

## EDUCATION

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**Flatiron School**      New York, NY

*Immersive program focused on JavaScript, React, Redux, and Ruby on Rails RESTful APIs*      *Aug. 2020 – Dec. 2020*

**Iowa State University**      Ames, IA

*Coursework completed towards a Bachelor of Science degree in Supply Chain Management*      *Jan. 2014 – Sep. 2017*