

# JOHN NEVIN

Chicago, IL | E: [jnevin17@gmail.com](mailto:jnevin17@gmail.com) | G: [GitHub](#) | L: [LinkedIn](#) | P: [johnnevin.com](http://johnnevin.com)

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## SKILLS

- **Proficient:** JavaScript, Node, React, Express, HTML, CSS
- **Experienced:** PostgreSQL, Sequelize ORM, APIs, REST, Mocha, Chai, Jasmine
- **Knowledgeable:** Heroku, Redux, Webpack

## PROJECTS

**Twitter News** (*JavaScript, React, Express, Twit, REST, Jest, Webpack, Node, CSS*) Coming Soon|[github](#)  
*Twitter companion for searching trending topics in your area.*

- Stream location-based tweets, up to 100 per request, through a Twitter API client for node.
- Crafted Twitter interface, with 4 modular components via React hooks, functional components and Material UI.
- Combined multiple hooks with the fetch API, increasing reusability and decoupling logic, by creating an abstracted custom React hook.

**Gather** (*JavaScript, Typescript, React, TensorFlow, Twilio Video JS SDK, Firebase, Node, WebRTC*) [live](#)|[github](#)  
*Gather is a video conferencing app with added custom effects - green screen and background.*

- Embedded open-source real-time video communication, with native browser compatibility, by implementing the lightweight peer to peer API WebRTC.
- Accurately updated canvas API elements by updating every pixel as binaries – person or non-person – utilizing browser-based ML with JavaScript and the HTML canvas element.
- Maintained persistent data, with Firebase's real-time multi-device syncing, keeping track of changes to users with API methods.
- Built entirely in the agile workflow including: daily standups, weekly sprints, pair programming and git version control.

**The Plant Store** (*JavaScript, React, Redux, Express, PostgreSQL, Node.js, Webpack*) [live](#)|[github](#)  
*Ecommerce website for buying plants, NERD stack, transactions via stripe, and deployed with Heroku.*

- Built modern UI, with high quality out-of-the-box components and a lightweight library, using React with Ant Design.
- Implemented REST API, creating 7 routes using the HTTP protocol, via Express, Sequelize and PostgreSQL.
- Created product table, with proper data types and validation, and joining it to an Order table through an association.

## EMPLOYMENT

**IRL Electric** *Electrician* August 2017 - July 2019  

- Collaborated with the General Contractor on the goals and modifications of the project.
- Partnered with clients on specifications.
- Designed layout with team.
- Installed, diagnosed, and troubleshoot electrical systems.

**Blackthorn Pub** *Manager* May 2015 - November 2017  

- Increased revenue by 30% through inventory control, advertising and negotiating with vendors.
- Managed 15 employees, and the day-to-day operation of the establishment.

## EDUCATION

**Fullstack Academy**, Chicago, IL June 2020  
*Certificate in Software Engineering*  

- 1000+ hour 17-Week full stack JavaScript web development immersive.

**University of Illinois at Urbana-Champaign**, Champaign, IL December 2013  
*Coursework in Econ, PS and Comm.*