

# Will Corona

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New York, NY

[LinkedIn](#)

[Github](#)

[Portfolio](#)

## SKILLS

JavaScript, Python, Flask, React, React Hooks, Redux, HTML, CSS, SASS, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Kubernetes, Docker, Terraform, Webpack, jQuery, Git, Heroku, NPM, TDD, OOP, Data Structures and Algorithms, scalability, security, GitHub, project management, Amazon Web Services, relational databases, web scraping, REST APIs

## PROJECTS

### NY Table

[Live Site](#) | [Github](#)

*Full stack clone of OpenTable (Rails, PostgreSQL, JavaScript, React/Redux, HTML5, CSS3, AWS, Google Maps API)*

- Leveraged AWS S3 to provide efficient object storage for photo attachments in the Rails backend, enabling seamless scalability for future growth.
- Implemented advanced security measures via Protected Routes through the use of higher-order components, preventing unauthorized access to sensitive user data within the React frontend.
- Optimized state management through the integration of customized Rails Views and JBuilder-generated JSON payloads, maintaining a lightweight, normalized state shape.

### Touchline Soccer

[Live Site](#) | [Github](#)

*A social app for soccer stats, news & discussion (Python, Flask, React/Redux, PostgreSQL, Azure, Material UI)*

- Self-taught Microsoft Azure skills and Infrastructure as Code to deploy a scalable and reliable app with Web Apps, databases, photo storage blobs, and Docker containers, ensuring optimal performance.
- Created a robust Python 3 Flask backend for seamless user authentication, efficient data flow, and server-side operation, enabling quick feature implementation and customization.
- Developed a comprehensive and dynamic platform with web-scraping scripts for personalized news feeds, integrating a 3rd-party API for real-time soccer data, and engineering a social media timeline to foster community engagement.
- Employed Material UI, an open-source React component library, to build a sleek and modern frontend UI experience.

### InDevView

[Live Site](#) | [Github](#)

*Online tool simulating live technical interviews (Mongo, Express, React / Redux, Node, AWS, HTML5, CSS3, Socket.io)*

- Led development of backend infrastructure, migrating key features to production with 0 errors or delays.
- Conceptualized and deployed a platform for data structure & algorithm problems of varying difficulty, enabling users to simulate real-time technical interview experiences.
- Utilized Socket.io, a WebSocket framework, facilitating engaging, low-latency communication between users.
- Implemented Monaco Code Editor to empower collaborative coding, seamless execution of test cases, and powerful debugging features, while offering a user-friendly interface.

## EXPERIENCE

### Associate Broker | Tradition Energy

June 2019 - Nov 2022

- Orchestrated a team of over 25 brokers and traders, ensuring smooth and efficient execution of financial transactions.
- Successfully oversaw multiple concurrent financial transactions for companies such as Chevron, BP, Shell on contracts often valued over \$1M dollars, with a 99% accuracy rate across all trades.
- Developed and applied client data sheets, resulting in 25% faster response times and increased efficiency in communication between operations team and clients.
- Promptly delivered confirmations to brokers and institutional clients within 15 minutes of deal entry.

### Business Development Associate, Instructor | Real Brave Audio

Sep 2018 - June 2019

- Founding member of a new company branch, resulting in a 25% expansion of the customer base.
- Spearheaded a 150% growth in revenue, promoted after 6 months.
- Managed end-to-end onboarding initiatives, collaborating cross-functionally with management, marketing, and instruction teams, resulting in a 30% increase in customer retention rates and a stronger customer base.

## EDUCATION

### App Academy | Immersive course with focus on full stack web development

Jan 2022 - May 2022

- 1000-hour full stack development intensive course with less than 3% acceptance rate.

### Fordham University | BS, Economics, Minor in German

Aug 2014 - May 2018

- **Leadership:** Elected President and Musical Director of Fordham Ramblers, award-winning a cappella group.