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# Nicholas Kniola

Full Stack Developer

## TECHNICAL SKILLS

**Strong:** JavaScript (ES5/ES6), React.js, Node.js, Express, HTML5, CSS3, Bootstrap 4, Flexbox, RESTful APIs (Ajax/Fetch), HTTPie  
**Experienced:** jQuery, React Router, Redux, React Native, PostgreSQL, MongoDB, Python, Semantic UI, Socket.io, Google Maps APIs  
**Tools:** Git, GitHub, Bitbucket, Jenkins, VS Code, Figma, npm, Jira, Slack, Chrome/React Dev Tools, Webpack, Heroku, JSON, Babel, Bash

## PROFESSIONAL EXPERIENCE

**Software Build Engineer**, Indiana Farm Bureau Insurance, Remote Feb '21 - Present

- Create **Jenkins** projects to automate builds and notifications for projects sourced from **Bitbucket**.
- Migrate freestyle projects to **Blue Ocean** and develop pipeline scripts in **Declarative Pipeline** syntax.

**Quality Assurance Operator**, Visual Data Media Services, Burbank, CA Jun '18 - Feb '20

- Composed detailed reports of technical specifications, noting audio/video errors and time codes of subtitles and text of TV shows.
- Improved rate of content redelivery through accuracy, helping company win Netflix Partner of the Year award for asset quality.

**Data IO Operator**, Stargate Studios, South Pasadena, CA Oct '16 - Nov '17

- Conducted data offloads, managed backup to LTO tape, initiated Python checksums, and organized video assets.
- Assisted chief technology officer in performing Google account management and Windows installations.

**Web Designer**, Lafayette Terminal Services, Remote Jul '08 - Present

- Designed and updated a user-friendly website for a transportation company.
- Created user interface, designed clear layout, managed hosting, and periodically updated website.

## APPLICATIONS DEVELOPED

Hang [GitHub](#) | [Live](#)

- Hang is a social web application passion project which pairs users up for activities based on common interests.
- Developed as a single page mobile responsive application in **React.js**, with **Semantic UI** components.
- Built backend in **Node.js** with **Express** and **PostgreSQL** to store user account data, used **Google Maps API** for fetching location data, and implemented **Socket.io** to allow for live messaging.

Crypto [GitHub](#) | [Live](#)

- Crypto is a mobile first web app which allows users to quickly track prices of cryptocurrencies with up-to-date market information.
- Developed in **JavaScript** to create cards of crypto data based on queries and allow adding or removing favorites to local storage.
- Retrieved **JSON** cryptocurrency market data asynchronously from the CoinGecko API using **AJAX** requests.

Wireless [GitHub](#) | [Live](#)

- Wireless is a mobile first wireless network web application, which allows users to easily select plans based on features.
- Constructed with form and button components from the **Bootstrap** framework, and designed to be responsive.
- Implemented **jQuery** and **JavaScript** methods for search functionality and wireless plan selection.

## EDUCATION

**School of The Art Institute of Chicago**, Bachelor of Fine Arts: Film and New Media, Chicago, IL May '15

**LearningFuze**, Accelerated Web Development Program, Irvine, CA Jan '21

Developed personal and group full stack web applications in JavaScript, React.js, Node, and Express through the course of 800 hours (60 hours/week) in a simulated agile work environment, relying on documentation for learning new technologies.

**Nucamp**, Full Stack Web And Mobile Development Program, Los Angeles, CA Sep '20