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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 and modify Jenkins projects and continuous delivery pipelines to automate builds and notifications.
- Develop scripts for each stage of the Jenkins pipeline in Declarative Pipeline syntax for projects sourced from Bitbucket.

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 the backend built in **Node.js** with **Express**.
- Implemented **Socket.io** to allow for live messaging and **Google Maps API** for fetching location data, later stored in **PostgreSQL**.

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