

NICHOLAS LAMB

FULL-STACK DEVELOPER

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SUMMARY

Curiosity driven problem solver with a passion for technology. Seeking a full-stack developer position to continue utilizing troubleshooting skills gained in fast-paced manufacturing environments.

TECHNICAL SKILLS

- JavaScript
- HTML5, CSS, SCSS
- TypeScript
- PHP
- C++
- React
- React Native
- Angular
- Express.js
- Laravel
- Redux
- Node.js and NPM
- Git and Github
- jQuery
- Linux
- TDD and Agile methodologies
- REST APIs
- Serverless Functions
- MySQL, PostgreSQL, MongoDB

EDUCATION

CareerFoundry 2021
Full-Stack Immersion
Intensive project based curriculum with a focus on JavaScript and Node.js.

San Francisco State University 2013
Bachelor of Arts
Broadcasting and Electronic Communication Arts

PROJECTS

CHICKEN PICKER MERN stack app 2021
CareerFoundry

- Built to practice MERN stack fundamentals, user authentication, and non-relational databases.
- Allows users to register, compare chicken breeds, and save favorites to a list.
- Front-end - React, Redux, Axios, Prop-types, and parcel.
- Back-end - Express.js, MongoDB, Mongoose, Passport.js, bcrypt, and JsDoc.

CHICKEN COOP WEATHER LOGGER Arduino and LAMP stack project 2020
Personal Project

- Developed to monitor conditions in my backyard chicken coop.
- Designed and built remote, low power, solar charging Arduino/C++ circuit with temperature, humidity, and door lock sensors.
- Created PHP API on home server that stores and displays data with MySQL database. the app texts when door is unlocked at night and copies data to the ThingSpeak.com API for visualization.

CHAT APP React Native app 2021
CareerFoundry

Developed to learn React Native, WebSocket, Expo, and Firebase. Users can send text, GPS location, and photos taken through the app or from the device library.

TRIVIA APP JavaScript app 2021
CareerFoundry

Developed to master DOM manipulation with vanilla JavaScript using public trivia API. Users can select several options to customize their trivia round. Question cards flip over to reveal answers.

WORK EXPERIENCE

PACKAGING UTILITY OPERATOR Apr 2018 - Present
Abbott Nutrition Columbus, Ohio

- Integral member of an \$80MM capitol project to build a new federally approved infant formula bottling line.
- Engage with engineers to refine user interface and operation of the new system to increase efficiency and reduce machine downtime.
- Troubleshoot machine and process failures to quickly resolve problems.
- Create Standard Operating Procedures for regulatory approval to begin commercial production.
- Convert extensive federally audited batch record documents into an interactive electronic batch record system.
- Train colleagues to work in multiple roles on new production line.

BOTTLING OPERATION LEAD Jan 2018 - Apr 2018
Watershed Distillery Columbus, Ohio

Maintained and repaired bottling machines in Ohio's largest distillery.

CANNING OPERATION LEAD Jan 2014 - Feb 2017
Anchor Brewing Company San Francisco, California

Operated and maintained canning machines and supervised crews in one of America's biggest micro breweries.