Joel Alva

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(919)-720-1701
Raleigh,NC

Web Developer

[GitHub](#)
[LinkedIn](#)
[Portfolio](#)

Summary

Enthusiastic web developer that thrives through problem-solving and critical thinking. Adept in HTML, CSS, Javascript, JQuery, React and Node.js. Can succeed independently or through collaborative teamwork through execution of educational knowledge and accumulated experiences.

Skills

Languages: Javascript, HTML, CSS3
Frameworks: jQuery,React.js,Node.js,Express.js
Other Technologies: PostgreSQL,NPM,Git/GitHub,Mocha, Chai, Heroku,Zeit

Projects

[Polar-App](#) | [Client GitHub](#) | [Server Github](#)
A sneaker reselling tool, that helps any reseller properly manage sales, and inventory to better achieve their goals.
- Forged and implemented a relational database connecting client to server.
- Implemented a authentication system using JWT with private and public routes in client
- Technologies: PostgreSQL,React.js,Express.js,Node.js,CSS3,JWT,bcrypt, Heroku and Zeit.

[Claire-App](#) | [Client GitHub](#) | [Server Github](#)
An app built to showcase a company's three main products, and regional distributors.
- Developed a fully responsive full stack React app adhering to the company's color scheme while exhibiting company products.
- Constructed a relational database and RESTful API for backend server
- Technologies: PostgreSQL,React.js,Express.js,Node.js,CSS3,Heroku and Zeit

Experience

CLAIRE TECHNOLOGIES   Raleigh,NC
Head of Production   May 2016 – November 2019
- Oversaw a team of product development chemists from R&D to Manufacturing.
- Implemented, identified and contributed to proactively improving projects that led to the improvement of production process, testing and the development of new products.
- Adhered to strict deadlines regarding high volume products of alumina media, in an evolving environment.

ECOTOXICOLOGY LABORATORY-UNCG   Greensboro,NC
Intern   August 2014 – December 2015
- Conducted an independent research project examining mercury concentrations, using total mercury (THg), and methylmercury analysis on plant and animal tissues.
- Collaborated in a field crew to collect samples while following established field protocols, procedures and sampling techniques.

Education

THINKFUL   04/2020
Engineering Flex
- Learned industry best practices and practical software development standards with a focus on HTML5, CSS3, JavaScript, jQuery, Node.js, React, Redux, and algorithms & data structures
- Created and deployed mobile-first applications while learning new languages and frameworks by collaborating several hours every week with a senior web developer.

UNIVERSITY OF NORTH CAROLINA AT GREENSBORO   12/2015
B.S. In Biology and B.A. in Chemistry
- Conducted an independent research project examining mercury concentrations, using total mercury (THg), and methylmercury analysis on plant and animal tissues.