

DANIELLE ARANDA – Certified Software Developer

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Certified Software Developer passionate about frontend development, improving user interfaces, and building innovative solutions to help others. With a background in Industrial Engineering and seven years of experience improving manufacturing processes, I excel in a collaborative environment leveraging technical and non-technical inputs to develop creative and effective solutions to complex challenges. My experience creating React applications has opened the door to the larger opportunity for creativity behind front-end development and I've enjoyed building out components to create a complete user experience. I am excited to continue learning and expanding my skill set, as I believe that the pursuit of knowledge is essential for personal growth and professional development.

TECHNICAL SKILLS

Front-end: HTML | CSS | JavaScript | React | Typescript | Redux | Sass | jQuery | Material UI | Bootstrap | Testing through JEST and React Test Library

Back-end: Python | Flask | Node.js | PostgreSQL | Express | SQLAlchemy

EXPERIENCE

Springboard Certificate Program | 2021-2023

Intensive course in Software Engineering methodologies and technologies. Mastered skills in front-end and back-end web development, databases, and data structures and algorithms.

War Card Game | Node, Express, and PostgreSQL, React, Redux, JavaScript, HTML, CSS

- Responsive Full Stack application mimicking the classic card game War.
- React state management allows for the adaptation of data based on user interactions.
- Integration of the Deck of Cards API provides necessary card data.

Job Finder | Node, Express, and PostgreSQL, React, JavaScript, HTML, CSS

- Full Stack application for Job seekers.
- Custom RESTful API utilizes Node, Express, and PostgreSQL to model jobs and users.
- Dynamic React frontend provides seamless communication between users and database information.

Check the Pantry | Python, Flask, PostgreSQL, SQLAlchemy, Jinja, RESTful APIs, JavaScript, HTML, CSS

- Database-driven website built off an external API allowing users to search and save recipes based on chosen ingredients.

Draw Cards and Lights Out | React, JavaScript, HTML, CSS

- Single page web applications with client-side routing.

To-Do Checklist and Connect Four | JavaScript, HTML, CSS

- Single page web applications practicing JavaScript and DOM manipulation.

Materials Manager | Amazon Lab126 | Sunnyvale, CA | 2018-2021

Business owner for a custom supply chain planning system.

- Defined business requirements to proactively manage continuity of material supply for 50 device programs across 10 global facilities.
- Collaborated with Software Engineering to test and implement strategic solutions to meet unique business needs.
- Managed the communication and training of new application features with 3rd party partners.

Generated an annual cost savings of over \$1.5M by increasing the scope of recycled materials used within the returns process.

Business Process Analyst | Amazon Lab126 | Sunnyvale, CA | 2016-2018

Manufacturing Process Engineer / Industrial Engineer | Flex | Milpitas, CA | 2015-2016

New Product Introduction Project Engineer | Extron Electronics | Anaheim, CA | 2013-2015

EDUCATION

Springboard Software Engineering, Certification, 2023

Bachelor of Science, Industrial Engineering, California Polytechnic State University San Luis Obispo, 2013