

# Jenna Anderson

## Full Stack Developer

Loveland, CO | 303-709-0670

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## TECHNICAL SKILLS

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**Frontend:** React.js, Redux

**Backend:** Node.js, Express, PostgreSQL, Knex.js

**Languages:** JavaScript, Python, SQL, HTML, CSS

**Testing:** Jest, Supertest, Cypress, React Testing Library

**Tools:** Git, GitHub, Agile Methodology, JIRA

## PROJECTS

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**Human Rights First, Asylum** | [GitHub Repo](#) | *Backend Engineer*

September 2021

Full stack app empowering lawyers to discover judge biases, so they can build a better case for clients seeking asylum

- Maintained backend for tool to view data visualizations of a judge's past decisions built with Node.js, Express, AWS
- Reviewed peer code and became a primary point of contact for troubleshooting on a remote, multidisciplinary team
- Isolated and resolved error produced when editing a case and presented the solution to the stakeholder
- Restored accurate display of case data by updating PostgreSQL database schema and optimizing table joins

**Potluck Planner** | [GitHub Repo](#) | *Full Stack Developer*

August 2021

Full stack app designed to allow organizers to create potlucks and guests to select items to bring and RSVP

- Created interface for users to manage potlucks by designing responsive, reusable components using React
- Architected relational database schema to store potluck and user data using a cloud-based RDBMS and constructed RESTful API with Node.js, Express, and Knex.js including middleware to verify unique potluck names
- Configured integration testing with Supertest to ensure endpoints for CRUD operations functioned as expected

**Anywhere Fitness** | [GitHub Repo](#) | *Frontend Engineer*

July 2021

App built with React, Redux, and Material UI to allow fitness instructors to manage classes and clients to register

- Implemented validation for sign-in, register, and class forms using Yup to ensure required request format sent to API
- Migrated state management to Redux and integrated Redux-Persist to keep nav bar from resetting on page refresh
- Secured access to classes and editing privileges by implementing private routes based on JWT authentication

## EXPERIENCE

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**Reinvention Collaborative / Colorado State University**

Fort Collins, CO

*Coordinator*

September 2019 - March 2021

- Invoiced 80+ institutions for membership dues and collected and processed over \$300,000 annually
- Increased membership by 7% and dues collection rate by 100% by creating and maintaining a cloud-based relational database housing membership, meeting, and invoice tracking to centralize organizational data
- Managed primary organization website using WordPress and helped with the transition to and oversight of SquareSpace, improving user experience and accessibility

**Wiland, Inc.**

Niwot, CO

*Production Analyst*

June 2019 - September 2019

- Collaborated cross-company and in a team of 5 to each build and quality control ~15 statistical models/day to optimize client mailing lists resulting in a ~97% client customer retention rate and ~7.9x return on ad spend
- Queried MySQL relational database containing tables with millions of rows of consumer transaction data to investigate and analyze demographic and purchasing patterns
- Generated customized reports containing data-driven solutions to share with client services and external stakeholders without technical backgrounds

## EDUCATION

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**Lambda School**, *Full Stack Web Development*

September 2021

**Colorado State University**, *Bachelor of Science in Mathematics*

May 2019