

# Jenna Anderson

Software Engineer | Loveland, CO

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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, Solidity

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

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

## 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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### Bongo

Loveland, CO / Remote

*Associate Software Engineer*

November 2021 - Present

- Redesigned main user workflows, creating wireframes and building accessible UI using React and interfacing with the backend using GraphQL, improving user experience and increasing customer acquisition
- Implement new features in an Agile environment in collaboration with project team including backend engineers to determine API contracts and quality assurance and support engineers to identify and resolve system defects
- Demo progress of new features at biweekly company-wide meetings to get feedback and ensure aligned vision

### Reinvention Collaborative / Colorado State University

Fort Collins, CO

*Coordinator*

September 2019 - March 2021

- Increased membership by 7% and dues collection rate by 100% by creating and maintaining a relational database
- Managed organization's WordPress website and transition to 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 data-driven reports to share with external stakeholders without technical backgrounds

## EDUCATION

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**Bloom Institute of Technology**, *Web3 Development*

Expected August 2022

**Bloom Institute of Technology**, *Full Stack Web Development*

September 2021

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

May 2019