Jenna Fischer

Software Engineer | Loveland, CO

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TECHNICAL SKILLS

Frontend: React, Redux
Backend: Node.js, Express, PostgreSQL, Knex.js
Languages: JavaScript, HTML, CSS, Python, SQL, GraphQL

Testing: Jest, Supertest, Cypress, React Testing Library
Tools: Git, GitHub, Agile Methodology, JIRA

EDUCATION

Bloom Institute of Technology, *Web3 Development*   August 2022
Bloom Institute of Technology, *Full Stack Web Development*   September 2021
Colorado State University, *Bachelor of Science in Mathematics, Concentration in Education*   May 2019

EXPERIENCE

Girls Who Code   Loveland, CO
Volunteer Facilitator   February 2023 - present
- Initiated and lead clubs to inspire and teach girls from 3-12 grade about CS fundamentals and valuable life skills

Bongo   Loveland, CO / Remote
Associate Software Engineer   November 2021 - January 2023
- Redesigned main user workflows by creating wireframes and implementing features with React, Redux, and JavaScript interfacing with a PHP backend using GraphQL, resulting in improved accessibility, reduced number of clicks, positive user feedback, and increased customer acquisition
- Resolved accessibility concerns adhering to WCAG guidelines resulting in a $10,000 customer contract renewal
- Collaborated on a remote, cross-functional Agile development team of 8, participating in feature discussions, code and design reviews, determining API contracts, and debugging system issues on a biweekly sprint basis

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

PROJECTS

Connect Four Game Dapp | GitHub Repo | *Full Stack Developer*   July 2022
Dapp built with a React frontend integrated with MetaMask and a Solidity smart contract to play peers in Connect Four
- Built, tested, deployed, and verified Solidity smart contract on Rinkeby Test Network using Hardhat
- Created React frontend, integrating with MetaMask wallet, and interfacing with smart contract by creating subgraph to query data from the blockchain using GraphQL
- Configured monitoring of events on Tenderly by setting up alerts on Discord for successful and failed transactions

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 code and became a primary point of contact for troubleshooting on a remote, multidisciplinary team

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 UI to manage potlucks by designing responsive, reusable components using JavaScript and 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