

# Candice Cirbo Software Developer

ccirbots@gmail.com • 303-913-3388 • Westminster, CO  
[www.linkedin.com/in/candicecirbo](https://www.linkedin.com/in/candicecirbo) • <https://github.com/CCirbo>

---

**Motivated and determined software developer** and advocate for open access and knowledge equity, leveraging 14 years of experience in cross-functional management roles to craft scalable software solutions. Known for exceptional attention to detail and the ability to think strategically, I transitioned from operational management to software development becoming a student at Turing School of Software & Design. Reliable and resilient, I thrive in collaborative environments, building meaningful, thoughtfully designed products that create lasting impact.

## **Technical Skills:**

**Languages:** Ruby, JavaScript, SQL, HTML5, CSS, Tailwind

**Frameworks/Libraries:** Rails, React

**Testing:** Test-Driven Development (TDD), RSpec, Webmock, VCR, Cypress

**Version Control & Collaboration:** Git, GitHub, GitHub Projects, Jira

**Platforms/Tools:** PostgreSQL, Heroku, Postman, ActiveRecord ORM, Netlify

## **Projects:**

### **Down the Rabbit Hole (collaborative-Full Stack)**

***Ruby | Rails | Faraday|React|Cypress***

- Designed educational game with a Rails backend that processes CSV files to seed animal and park data into a robust Postgres database, ensuring data consistency and accessibility.
- Integrated YouTube API for dynamic “How to Draw” video tutorials, enriching user experience with interactive and educational content.
- Implemented a toggleable dyslexia-friendly font and ensured compliance with accessibility best practices, creating an inclusive experience for users with diverse needs.
- Designed a fully responsive frontend in React, providing seamless usability across all screen sizes and devices.
- Applied test-driven development (TDD) with RSpec and Cypress to ensure robust functionality, data accuracy, and scalability.
- [Down the Rabbit Hole GitHub Repo](#) [Deployed Down the Rabbit Hole Website](#)

### **Tea Subscriptions (solo)**

***Ruby | Rails | RSpec| React***

- Built a Rails backend and React frontend to manage tea subscription services, completing the project in just 20 hours.
- Developed full CRUD functionality and real-time updates using state hooks in React, enabling efficient data operations and seamless user interaction.
- Seeded the database with dynamic subscription data to simulate real-world scenarios and ensure robust functionality.
- Designed a responsive, fully tabbable user interface with accessibility best practices, ensuring inclusivity across diverse devices and audiences.

## **Professional Experience:**

Office Operational Manager @ AC Mechanical & Engineering, Colorado

01/2009-03/2024

- Managed critical deadlines for payroll, taxes, and audits, ensuring accuracy, compliance, and timely execution.
- Transitioned payroll, HR, insurance and benefits management in-house, saving \$21,000 annually while maintaining meticulous attention to regulatory requirements.
- Partnered with leadership to design and implement efficient administrative systems, ensuring processes were adaptable, scalable, and aligned with organizational values.

## **Education:**

**Turing School of Software and Design**

01/2025

Accredited Certificate in Software Engineering

**Purdue University**

Communication and Journalism