

# James Cochran

Software Developer

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Nonprofit manager turned software developer with experience in empathetic leadership, optimized operations and data-driven analysis. Passionate about designing scalable and impactful software solutions that address real-world challenges.

## Technical Skills

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**Languages/frameworks:** Ruby, Ruby on Rails, SQL, ActiveRecord, JavaScript, React

**Testing:** Rspec, SimpleCov, Cypress, WebMock, Faker, TDD

**Tools/Workflow:** Git, GitHub, Postman, Heroku

## Projects

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**Little-Shop** (group) | **Tech:** Ruby on Rails | JavaScript

**Frontend repo:** [Github](#) **Backend repo:** [Github](#)

- Designed RESTful API endpoints to allow merchants to perform CRUD operations and retrieve business insights
- Developed a front end interface for merchants as part of a multi-tenant e-commerce application
- Optimized database queries for performance using SQL and ActiveRecord

**Super Fun Posters** (solo) | **Tech:** JavaScript | HTML | CSS

**Repo:** [Github](#)

- Built a responsive front-end application enabling users to view, create, and delete motivational and demotivational posters.
- Focused on dynamic DOM manipulation, user input validation, and clean, modular JavaScript.

## Professional Experience

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**Employment Program Manager @ Goodwill Eastern North Carolina, Leland, NC.**

**May 2022 - Oct 2023**

- Directed gross revenue sales of over \$900K, achieving a 12% year-over-year increase through optimized operations.
- Managed staff of 9 in all areas of donations, production, pricing, merchandising, and sales, ensuring operational efficiency across departments.

**Volunteer Coordinator/Assistant Manager @ Blue Spruce Habitat for Humanity, Evergreen, CO**

**Sept 2021 – Apr 2022**

- Coordinated logistics for donation pickups, reducing delays by 30% and improving operational efficiency.
- Directed daily activities of 50+ ReStore volunteers, increasing productivity and engagement through structured training and clear workflows.
- Analyzed volunteer performance data, creating actionable insights that improved transparency and decision-making processes.

## Education

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**Accredited Certificate in Software Engineering**  
Turing School of Software and Design

Expected Completion: March 2025