

Aidan McGuire-Lester

Back End Software Engineer

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Skills

Languages & Frameworks: Ruby, Ruby on Rails

Testing & Deployment: Test Driven Development (TDD), Unit Testing, Feature Testing, Quality Assurance (QA), Minitest, RSpec, Heroku, Travis, Continuous Integration (CI), Continuous Development (CD)

Back-end & Databases: SQL, PostgreSQL, Postgres, RESTful Application Programming Interfaces (APIs)

Tools & Technologies: GitHub, Git, Postman, Slack, Zoom, VScode, Rubocop

Concepts & Topics: Project Management, Customer Support, Troubleshooting, Debugging, Refactoring, Design Patterns, Agile, Scrum, Architecture, Product Design, Product Development, Best Practices, Critical Thinking, Decision Making, Problem Solving, Technical Documentation, Pair Programming, Technical Mentorship

Communication & Teamwork: Cross-functional Collaboration, Business Development, Leadership

Projects

Head to Toe Tech Stack: Ruby on Rails, Postgresql, RSpec, CircleCI [Launch App - GitHub BE](#)

- 3 week Front and Back-end collaborative group project. Head to Toe is a queer-informed sex-positive app to share resources in a safe place. Provides a variety of RESTful, CRUD, endpoints for the Front-end team to consume, as well as a public, rate limited, API, to expose our aggregated data.

Terminal Crawler Tech Stack: Ruby [GitHub](#)

- Solo independent project. CLI screen scraper that checks all profiles on Turing's [Terminal](#) for alumni's broken project links.

Sweater Weather Tech Stack: Ruby on Rails, Postgresql [GitHub](#)

- 1 week solo project. Sweater Weather is a Back-end application designed to serve a frontend application with weather data for road trips. Exposes an API that requires an authentication token and aggregates data from multiple other APIs. Expose multiple APIs for CRUD functionality.

Rails Engine Tech Stack: Ruby on Rails, Postgresql, ActiveRecord [GitHub](#)

- 1 week solo project. Back-end application for a service oriented architecture that exposes 15 business-intelligence endpoints for an E-Commerce frontend to consume.
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Work Experience

Apprentice Electrician, Duro Electric Company/MDU Resources 9/2019 - 1/2021

- Designated installation lead as an apprentice
- Mentored apprentice electricians by advising on: safety, design, and installation procedures
- Leverage troubleshooting knowledge to efficiently identify and fix, bugs, issues, and inefficiencies
- Lead quality installations based on design specifications and OSHA guidelines

Project Manager & Supervisor, Apollo Electrical Contractors 5/2017 - 9/2019

- Successfully decreased average commercial project work time from 1-2 months down to 2-6 weeks
- Founded Apollo Residential Services
- Became the second largest Tesla residential installer in CO, in our first six weeks of business
- Develop and maintain warm customer relations leading to a robust base of referrals.

Cook & Bartender, Illegal Petes 6/2015 - 5/2017

- Improved company recipes and processes saving company time and improving customer satisfaction
 - Trained numerous new cooks to proficiency in the kitchen
 - Cooked all food solo for \$10,000+ in food sales for one night, set company record
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Education

Software Engineering Immersive, Back-end Engineering | Turing School 2/2021 - 8/2021

- 7-month intensive federally accredited ([ACCET](#)) software development program.

General Studies, University of Colorado at Boulder (Non-Degree Holding) 6/2015 - 5/2016