

William Lampke | Backend Developer | Full Stack Developer

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Creative engineer with experience in Backend Development and Audio Engineering/Production. I enjoy creating and bringing an idea from a concept to life.

SKILLS

- Ruby, Ruby on Rails, RSpec
- SQL, Active Record
- Python, HTML
- TDD, OOP, MVC, Version Control, Community Leadershi

TECHNICAL PROJECTS

[Countries and Recipes](#) | Solo Project | **40 hours** |

Tech Stack | Ruby, Rails, RSpec, Capybara, Faraday, JsonApi-Serializer |

- Developed a backend application that returns recipes originating from a given country (or a random one if none is given) and returns learning resources (info, videos, pictures) on a given country.
- Utilized 6 different APIs to gather info about a country or its capital and additionally gather learning resources about said country.

[Babe What's For Dinner](#) | [FE Github](#) | [BE Github](#) | Deployed Heroku | Team Project | **60 hours** |

Tech Stack | Ruby, Rails, RSpec, Capybara, Faraday, JsonApi-Serializer, CSS |

- Developed a recipe search application that returns recipes based on ingredients that users have on hand, where results are ordered by most complete recipes.
- Created a detailed recipe page with step by step instructions, time to prepare, pictures, and a description of the recipe.
- Implemented an API to retrieve search results and details, with additional CSS styling to make the pages stand out.

[Viewing Party](#) | Pair Project | **70 hours** |

Tech Stack | Ruby, Rails, RSpec, Capybara, AR, MVC |

- Developed an application where users can discover and create viewing parties with other users.
- Utilized a movie database API and a username/password login system.
- Users can create their own viewing party and join viewing parties created by other users.

[Little Esty Shop](#) | Team Project | **100 hours** |

Tech Stack | Ruby, Rails, RSpec, Capybara, AR, MVC |

- Developed an E-Commerce platform using Ruby on Rails where merchants can list items and customers can purchase items, and bulk discounts can be applied to large orders.
- Advanced skill in using complex active record queries
- Implemented two separate APIs throughout the app.
- Worked through half of the harder queries and helped the team as well.

PROFESSIONAL EXPERIENCE

Audio Engineering, Warehouse Manager

- Utilized Pro-Tools for Recording & Audio Engineering to consult with clients and reach their desired outcome
- Redesigned workshop for enhanced workflow and efficiency

EDUCATION AND RELEVANT CERTIFICATIONS

Turing School of Software and Design | Denver, CO

2022 - 2023

- Backend Engineering Certificate
- Student Leadership Committee