Dominic **O'Donnell**

Back-End Software Engineer

dominicodonnell99@gmail.com | GitHub | Custom Portfolio | LinkedIn

SKILLS

Languages: Ruby, Python

Frameworks: Ruby on Rails, Flask

Tools: Docker, PostgreSQL, Linux, Bash, Git, Apache, Heroku, Postman, (HTML, CSS, Sass, Bootstrap)

Other: TDD, Agile, OOP, RESTful Development, Microservices Architecture

SOFTWARE PROJECTS

Portfolio ➜ Repository | Live Demo ➜ Solo Project | 2 Week Timeline
- Built with Python, Flask, SCSS, Figma, JavaScript, Apache
- Host a WSGI server combined with Apache to securely deploy the codebase
- Employ an SMTP service through Flask to respond to clients
- Wireframe development with Figma to mockup front-end visuals
- Utilize HTML/SCSS to create bespoke styles to improve user experience and retention

Relational Rails ➜ Repository ➜ Solo Project | 6 Day Timeline
- Built with Ruby, Ruby on Rails, Rspec, SimpleCov, Bootstrap
- Maintain 100% test coverage through unit and integration tests with RSpec and SimpleCov
- Employ Bootstrap to improve visual styling and user experience.
- Exercise MVC architecture to create a maintainable and scalable codebase.
- Follow the RESTful architecture to conform with web application conventions

ViewingPartyLite ➜ Repository | Live Demo ➜ Partner Project | 5 Day Timeline
- Built with Ruby, Ruby on Rails, RSpec, Bootstrap, MovieDB API
- Consumed an external API
- Employed a Service Orientated Architecture design for code reusability and scalability
- Developed a robust test suite with RSpec, Webmock, and VCR with 100% test coverage
- Worked with project partner to create a successful Agile style approach for development

EXPERIENCE

09/2021 to 07/2022 - Freelance Software Engineer - Frisco, TX
- Created websites for local companies to increase customer retention, ease of use, and market value. Spent extensive time mentoring other junior developers to strengthen my learning and the development community. During this time, I also followed industry standards and conventions while learning several development methodologies.

07/2019 to 07/2022 - Customer Service Representative @ Texas Roadhouse - Colony, TX
- Built relations with guests while multitasking and communicating with staff. This position opened doors to intense teamwork and communication skills, while bringing out my extrovert. Spent extensive time building relations with vendors to improve sales.

EDUCATION

January 2023 - Turing School of Software and Design, Denver, CO
- 1500+ hours of programming experience over 7 month intensive software development program Accredited Backend Software Engineering Certificate

February 2022 - CS50 Harvard X, Cambridge, MA
- Professional certificate program from Harvard focusing on computer science, algorithms, data structures, encapsulation, resource management, and web development.

Projected June 2025 - Collin College, McKinney, TX
- Degree; Bachelors in Cybersecurity