

Nicholas Shanstrom

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Backend Developer | Health & Fitness Professional | Growth Seeker | Proactive Strategist

SUMMARY

Passionate, adaptable professional with a diverse skill set spanning software development, exercise physiology, athletic training, and event coordination. Expert in creating goal-oriented programs and identifying root causes of problems. Proven leader with a commitment to test-driven development and leveraging data for informed decisions. Eager to make a difference by contributing to meaningful software products.

SKILLS

Programming Languages/Frameworks: Ruby, Ruby on Rails, HTML, CSS

Tools/Workflow: Git, GitHub, Heroku, Render, Rest APIs, Postman, Slack, Zoom

Database: Relational databases, API consumption and creation/exposure, SQL, ActiveRecord

Testing: Test Driven Development, RSpec, WebMock, VCR

PROJECTS

Little-Shop-7 group project and solo project effort - [GitHub repository](#)

April 2024

A robust web application enabling merchants to monitor products and revenue. Utilized data manipulation techniques for business analytics and implemented namespace admin functionality to manage merchant access

- ❖ Developed applications using Ruby on Rails, HTML, and CSS, following Test-Driven Development (TDD) methodology and adhering to MVC architecture, REST principles, and relational database querying
- ❖ Enhanced test readability and functionality by streamlining tests and views. Implemented test objects, controller actions, and ActiveRecord queries, resulting in 100% test coverage across 137 tests, achieved through collaborative group and solo efforts

lunch_n_learn - Backend project exposing and consuming RestAPIs - [GitHub repository](#)

June 2024

A user can search recipes and learning resources for a specific country, exposes the API for a front end to consume and a user to have the ability to create favorites

- ❖ Project is developed using Ruby on Rails, test driven development, RESTful routing, VCR for fixture files to limit API calls, relational databases, and simplified controller actions.
- ❖ 100% test coverage, created 41 tests in 4 days for the request and services spec files.
- ❖ Implements user authentication with a secure password using bcrypt gem and unique API key for each user upon creation

EXPERIENCE

Leadership, Teaching, Problem Solving | Fitness & Athletic Training | Miami, FL - Denver, CO - Maui, HI

2010-2023

- ❖ Designed and executed programs enhancing quality of life, injury prevention, and performance for hundreds of clients and numerous sports teams, both in-person and remotely
- ❖ Conducted workshops on anatomy, injury prevention/management, and running for groups of 10-20
- ❖ Created engaging environments for classes of up to 45, ensuring zero injuries among participants
- ❖ Committed to ongoing learning through role training and certifications

Teamwork, Creativity | Software Development | Event Coordination | Remote - Maui, HI

2020-2024

- ❖ Collaborated in diverse teams of 2-5 to develop 10 applications, including 2 terminal, 4 web, and 4 API-based, fostering technical knowledge sharing and troubleshooting
- ❖ Managed events for groups of 2-65, coordinating with vendors, property owners, and resorts to deliver exceptional experiences.
- ❖ Achieved 100% satisfaction as a photographer and event coordinator, driving a 50% increase in business in one year
- ❖ Proactively engaged with business owner to adjust tactics, resulting in annual revenue growth

EDUCATION

Turing School of Software & Design, Denver, CO

August | 2024

Accredited Backend Engineering Certificate

Master's of Science, Athletic Training | Florida International University

April | 2016

Bachelor's of Science, Exercise Science & Health Promotion | Florida Atlantic University

April | 2011