DM DREW MACNICHOLAS

BACKEND DEVELOPER

EDUCATION

Backend Engineering | 2022 Expected

Turing School of Software & Design - ACCET Accredited

MBA, Finance & Strategic Leadership | 2014

University of Denver

BS, Accounting | 2009

University of Colorado at Boulder

CONTACT

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SKILLS

Ruby, Ruby on Rails, HTML, CSS

PostgreSQL, mySQL, CircleCI

Heroku, RSpec, Git, Github

RESTful APIs, CRUD, TDD, OOP

DRY, Agile Development

PROJECTS

Little Esty Shop | Ruby on Rails, RSpec, PostgreSQL, Git, Heroku

https://github.com/dmacnicholas/little-esty-shop

An Etsy-inspired e-commerce platform allowing merchants and admins to manage inventory and fulfill customer invoices

• Built out CRUD functionality for a many to many relationship
• Used ActiveRecord to write queries that join multiple tables of data together
• Followed MVC pattern to organize code effectively, limiting the amount of logic included in views and controllers
• Validated models and handled invalid data input with appropriate error messages

Sports Cards | Ruby on Rails, RSpec, PostgreSQL, Git

https://github.com/dmacnicholas/sports_cards

A platform allowing users to log in and store information about sports card collections

• Leveraged Ruby on Rails to create web pages that allow users to access CRUD resources
• Created instance and class methods on a Rails model that uses ActiveRecord methods and helpers
• Wrote unit and integration tests that fully cover data logic and user behavior

Black Thursday | Ruby, RSpec, Git

https://github.com/dmacnicholas/black_thursday

Backend application of an e-commerce merchant platform that provides business intelligence insights

• Designed a solution that is functional, readable, maintainable, and testable
• Integrated tests to drive both the design and implementation of code
• Decomposed a large application into components
• Practiced an agile approach to building software

EXPERIENCE

Controller | Pilot.com

2021 - 2022

• Led the development of a new service offering for clients which generated over $1M revenue in the 1st year
• Designed financial strategies for business owners to scale effectively
• Analyzed and created financial KPIs to improve forecasting and budgeting

Finance & Accounting Professional | Various Companies

2009 - 2021

• Managed and supported accounting departments across various organization
• Developed processes to increase financial growth for many startup/mid-size organizations
• Collaborated on the development of accounting software KPI tools and led the implementation and training