MICHAEL MARCHAND || SOFTWARE DEVELOPER

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SUMMARY

- 10+ years of professional experience in finance, sports, logistics, hospitality and academia
- Collaborator as Individual contributor and capable of assuming leadership responsibilities
- Contributor to Open Source projects via Ruby for Good organization
- Capable of composing and maintaining complete documentation for any sized project

SKILLS

- Ruby, Rails, RSpec, SQL, Javascript, NodeJS, HTML, CSS, Liquid, YAML, Jekyll, Sinatra, ActiveRecord, APIs, JSON, Bootstrap, MVC, TDD, Agile Practices, Git, Github, Heroku, Postman, CircleCl, Docker, GraphQL

SELECTION OF EDUCATION AND RELEVANT CERTIFICATIONS

Turing School of Software and Design

08/2022 - present

- gained proficiency in back-end web development to build complete, functional web applications
- learned to work in an agile development environment, embracing methodologies like Scrum and Kanban
- enabled my ability to adapt to changing requirements and deliver high-quality software

DePaul University and Western Michigan University

- Chicago, IL and Kalamazoo, MI
- Bachelors of Science in Commerce Finance (graduated DePaul)

SELECTION OF SOFTWARE PROJECTS

Best-Esty-Project (Fully deployed on the web, via Heroku cloud infrastructure)

- Tech Stack: Ruby, Rails, RSpec, ActiveRecord, PostgreSQL, SQL, Heroku
- Monolithic app with complex DB structure, ORM/SQL querying and API consumption
- Group Project | 40 Hours
- Utilized Git and Github version control systems to manage workflow and to outline code architecture functionality at a high level through Test-driven development and Object Oriented programming
- Successfully resolved DevOps deployment issues between cloud infrastructure and app prior to delivery

YouTube API Project

- Tech Stack: Rails, SQL, Ruby, RSpec, JSON
- Demonstrates ability to test and organize API consumption and exposure
- Solo project | 40 hours
- API-only app built using Service-Oriented Architecture and Test-Driven Development
- Achieved test coverage of greater than 95%
- Completed requirements > 48 hours ahead of deadline
- Effectively hand-rolled serializers to adhere to JSONapi specs

Board-Together Service-Oriented full stack application (Fully deployed on the web, via Surge cloud infrastructure)

- Tech Stack: Rails, React, GraphQL, Bootstrap, Javascript, Express
- Fully deployed distributed board game library live on the web
- Group Project | 40+ Hours
- Successfully implemented GraphQL endpoints and exposed external data to front-end within 24 hours
- Effectively organized and ran daily standups to focus MVP and identify successes and blockers for team of 8
- Implemented test factories using FactoryBot to accelerate RSpec test creation to achieve test coverage > 95%

SELECTION OF PROFESSIONAL EXPERIENCE

Supreme Lending

04/2021 - 08/2022

- Sr. Mortgage Processor remote
- Extreme proficiency in calculating self employed income, tax return calculations, and jumbo mortgage scenarios

Amerifirst Lending

09/2019 - 04/2022

- Sr. Mortgage Processor remote
- Perform a thorough review and analysis of borrower's credit, employment, income and assets as required by the particular loan program before submitting to underwriting

SELECTION OF INTERESTS/HOBBIES

- Ice hockey, photography, road cycling, carpentry, music production/creation, live performance, literature, epicurean