MICHAEL MARCHAND || SOFTWARE DEVELOPER

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SUMMARY

- 10+ years of professional experience in finance, logistics, hospitality and building materials
- Collaborator as Individual contributor and capable of assuming leadership responsibilities
- Contributor to Open Source projects via Ruby for Good organization

SKILLS

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

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

- 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, 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 (full history at LinkedIn)

Supreme Lending

04/2021 - 08/2022

- Sr. Mortgage Processor remote
- Reduced average length of loan approval and funding by 7 days across all mortgage types

Amerifirst Lending

09/2019 - 04/2022

- Sr. Mortgage Processor remote
- Created workflow process and documentation used by teams to minimize redundant communication with external partners by sending 50% fewer emails

SELECTION OF INTERESTS/HOBBIES

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