# MICHAEL MARCHAND || SOFTWARE DEVELOPER

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#### **SUMMARY**

- 10+ years of professional experience in mortgage, hospitality and building materials
- Collaborative individual contributor and capable of assuming leadership responsibilities
- Contributor to Open Source projects via Ruby for Good organization

#### **SKILLS**

 Javascript, MongoDB, Jest, Ruby, Rails, RSpec, SQL, NoSQL, Postgres, Node, HTML, CSS, APIs, JSON, Bootstrap, MVC, TDD, Agile Practices, Git, Github, GitLab, Heroku, Postman, CircleCI, Docker, GraphQL, Swagger documentation, YAML, Liquid, Jekyll, Sinatra, MERN stack

### SELECTION OF EDUCATION AND RELEVANT CERTIFICATIONS

### Turing School of Software and Design

08/2022 - 03/2023

- Contributed > 80% of code base to 5 significant Ruby on Rails projects; Fully-deployed; Monolith and SOA
- Collaborated to beat 2 week sprint deadlines with project test coverage > 95%
- Completed entire Software Development Lifecycle with documentation & retrospective for future iteration planning

### **DePaul University and Western Michigan University**

- Bachelors of Science in Commerce - Finance (graduated DePaul)

# SELECTION OF SOFTWARE PROJECTS (additional active projects at Github)

### **DNVR-Zero**

- Tech Stack: MongoDB, Express.JS, React, MongoDB, Vercel cloud deployment, Jest testing
- Full-stack application built with microservices
- Successfully created an ongoing, open-source project receiving active contributions
- Manage a team of 4 to produce an entire social media platform that modernizes a global service
- Successfully created production, development and test environments in NoSQL within 2 days
- Actively managing MVP, sprint planning, agile development and CRUD API creation with 95% test coverage

### YouTube API Project

- Tech Stack: Rails, SQL, Ruby, RSpec, JSON
- Demonstrates ability to test and organize API consumption and exposure
- 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
- 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)

## - Sr. Mortgage Processor - remote

04/2021 - 08/2022

- Reduced average length of loan approval and funding by 7 days across all mortgage types

### **Amerifirst Lending**

Supreme Lending

09/2019 - 04/2021

- 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