Mike DeFrank

mjdefrank@gmail.com | 440.503.5602 | Brecksville, Ohio

https://www.michaeldefrank.com | https://github.com/mjdefrank | https://www.linkedin.com/in/michael-defrank/

Summary

Aspiring mid-level software developer with a strong foundation in full-stack development and a commitment to continuous growth. Proven track record in designing and implementing robust features, integrating complex third-party systems, and automating testing processes. Dedicated to advancing technical skills and contributing effectively to development teams while balancing professional aspirations with family responsibilities.

Experience

Second Generation, Cleveland, Ohio
Junior Software Developer
February 2022 - May 2024

- ➢ Engineered features to log user domain searches for reporting, enhancing the business team's capacity to analyze user behavior.
- ➢ Utilized Test-Driven Development and CI/CD methodologies for automated unit and integration tests, ensuring code quality and reliability.
- ➢ Proactively resolved customer service requests and managed stuck jobs during tech support rotations, ensuring uninterrupted system operations.
- ➢ Created widgets using JavaScript, HTML, CSS to integrate two third-party vendors into our users' website templates.

Bravo Wellness, Cleveland, Ohio
Software Engineer I
November 2020 - February 2022

- ➢ Innovated and enhanced features within the Ruby on Rails framework aligning closely with meticulous specifications to deliver high-quality code.
- ➢ Employed Rspec/Capybara to craft automated unit tests ensuring code integrity through rigorous testing conducted via CircleCI prior to deployment.
- ➢ Collaborated with cross-functional teams to co-author comprehensive technical specifications and played a pivotal role in providing detail for tickets facilitating efficient project planning and execution.

Test Automation Engineer
November 2018 - November 2020

- ➢ Analyzed test cases from the manual QA team, applying front-end development knowledge and DOM expertise to create precise checkpoints for expected application outcomes.
- ➢ Automated 100+ test scenarios using TestComplete to cover actions like clicks, text field population, and on-page value verification accounting for roughly 40% of the total front-end regression test set.
- ➢ Built a suite of reusable JavaScript modules to be imported into multiple tests, reducing overall test script build-time and minimizing maintenance time by making changes in the parent script.

Education

Case Western Reserve University, Cleveland, Ohio
Full Stack Web Development Program
October 2017 - April 2018

Bowling Green State University, Bowling Green, Ohio
B.S. Education (Tourism Administration)
August 2003 - December 2008

Technical Skills

Ruby on Rails, Ubuntu, JavaScript, JQuery, Cucumber, Gherkin, Capybara, Rspec, HTML5, CSS, Bootstrap, SQL, React, GitLab, Bash CLI, Haml, Firebase, NodeJS, ExpressJS, MySQL, Sequelize, MongoDB, Mongoose, Java, Github, BitBucket.

Additional Work Experience

American Red Cross
Inventory Specialist (NAT Program)
2015 - 2018

➢ Coordinated nationwide medical equipment reallocations, bridging internal and external stakeholders, and independently executing directives while ensuring regulatory compliance.

Logistics Specialist (PHSS)
2012 - 2015

➢ Implemented regional operational solutions in a purchasing role, supervised volunteer staff for equipment maintenance, and earned a reputation as an independent self-starter.

Program Specialist (NAT Program)
2010 - 2012

➢ Proactively took on marketing and grant reporting duties, conducted sales presentations, and managed daily administrative operations for Lorain County.