

Mike DeFrank

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Summary

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

Sherwin-Williams, Cleveland, Ohio

Front End Applications Developer

September 2024 - Present

- Integrated Google Analytics into three Sherwin-Williams brand websites, enabling the Digital Marketing team to gather actionable insights and optimize user experience.
- Completed in-house training in Adobe Experience Manager (AEM); developed and updated content components using HTL (Sightly) and Java within the AEM platform.
- Enhanced existing ReactJS components to improve performance and usability across multiple web properties.
- Translated Figma designs into pixel-perfect UI components using SCSS, ensuring design consistency and responsiveness.
- Collaborated cross-functionally with UX, QA, and backend teams to deliver features on tight deadlines while maintaining code quality and accessibility standards.

Second Generation, Cleveland, Ohio

Software Engineer

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.
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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)

2010 - 2018

- Held multiple roles in program support, logistics, and inventory management. Recognized for independence, regulatory compliance, and stakeholder coordination.