

MARK HOBBS

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Summary of Qualifications

- **Full-stack developer** specializing in object-oriented programming, single-page applications, and relational databases.
- **Programmer with a background in QA and test automation** who focuses on delivering well-tested features to satisfy the requirements of the stakeholders and provide a positive end-user experience.

Professional Experience

Federal Reserve Bank of Cleveland, Cleveland, OH

4/2023 – Present

Software Developer - Debit Gateway

Develop features based on user stories, fix bugs, address technical debt, and assist with an ongoing effort to migrate the Debit Gateway application's infrastructure to AWS. Work closely with the Product and QA teams to ensure that the application's functionality is operating as expected and meets the requirements of our stakeholders.

- **Leveraged the applicational and programming knowledge** learned from my computer science education and on-the-job training, working as a test automation engineer, to start making immediate contributions to the project as soon as I joined the development team.
- **Completed company-sponsored AWS training courses** and have been able to apply that knowledge to assist in the application's infrastructure migration from a dedicated server to the cloud by learning the functions of various AWS resources and how they are provisioned.

Federal Reserve Bank of Cleveland, Cleveland, OH

1/2021 – 4/2023

Automation Test Engineer Sr - Debit Gateway

Promoted to develop automated tests for a payment processing application in order to provide earlier feedback during the development process (shift-left) and to reduce the regression testing effort. Mentor non-senior automation testers by providing techniques for writing more efficient, more robust test scripts.

- **Developed an automation test suite to run in the CI pipeline** using the Bamboo build tool and provide the development team more timely feedback about the application's health after code delivery.
- **Incorporated REST API calls into the test framework** that enable communication with the application's backend services for running queries against Oracle databases and initiating processes. That allowed automated test development to continue while functionality was being shifted from a desktop client to a new web UI.

Federal Reserve Bank of Cleveland, Cleveland, OH

6/2017 – 1/2021

Software QA Analyst Sr - Debit Gateway, DVS/TCMS

Initially promoted to develop regression UI tests for a desktop application using the Unified Functional Testing software. I was transferred to the development team in October 2018 to develop a Selenium WebDriver testing framework that would execute CI and regression tests against the new web UI as the application was being transitioned away from a desktop interface.

- ***Researched and developed a custom Java/Selenium WebDriver testing framework*** that uses TestNG to execute automated test suites and group test methods by type for targeted test runs. The new framework was utilized to facilitate the sunsetting of UFT automation.
- ***Automated system acceptance tests and data setup for one of the Treasury's web applications*** that contributed to a reduction in the amount of time necessary to complete regression testing prior to a software release.

Languages and Technologies

- Languages: Java, TypeScript, HTML/CSS, Oracle SQL
- Technologies: Angular, AWS, TestNG, Jenkins/Bamboo, Selenium WebDriver
- Other: RESTful API, GitLab/Bitbucket, Atlassian Suite, Agile/Scrum teams

Education

University of Maryland-University College, Adelphi, MD

B.A., English

University of Maryland-University College, Adelphi, MD

2016-2018

Completed 29/44 credits towards a B.S. in Computer Science