

Nahom Tsegai

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SKILLS

- Python, Ruby, Java
- HTML, CSS, JavaScript
- MYSQL
- Selenium WebDriver
- Selenide
- Tableau
- Postman
- Web Application Testing
- SQA Testing & Methodologies
- Automated & Manual Testing
- Agile Software Development Life Cycle
- User Acceptance Testing
- Continuous Integration and Continuous Deployment
- Validation, Functional and Unit Testing
- Defect & Bug Discovery
- Self-motivated & self-starter
- Decision Maker
- Thinks Outside the Box
- Willing to Learn
- Strong Communicator
- Jira, Confluence, Slack

EDUCATION

Virginia Tech |
BS Electrical Engineering,
Minor in Computer Science &
Mathematics

VOLUNTEER ACTIVITIES

- Shelter Website Manager
- Animal Foster Parent

PROFESSIONAL EXPERIENCE

Experity | Machesney Park, IL | June 2018 - Present

QA Automation Engineer II

- Create user story test cases for feature stories.
- Maintain regression automation suite.
- Report to QA Manager to give quality status of products.
- Use SQL queries to conduct database/backend testing.
- Lead weekly Selenium WebDriver and automation training sessions.
- Created a quality assurance standard of procedure using Confluence.
- Followed user acceptance criteria to validate new functionalities.
- Use Windows Application Driver to run automation tests.
- Office SME for automation framework
- Assisted new hires/contractors with learning tech stack

MasterControl | Salt Lake City, UT | March 2017 - May 2018

Software Quality Engineer

- Used Selenium WebDriver with Ruby to create automated tests that exceeded quality standards.
- Created automated tests determined by Product Owner's Functional Requirement Specification.
- Communicated daily with quality assurance staff to define standards of quality.
- Maintained existing tests with weekly disposition runs.
- Determined scope of tests with agile team when discussing new features.
- Heavily involved in continuous integration/deployment of product.
- Wrote SQL queries for testing purposes.
- Selected to participate in stakeholders' meetings.
- Maintained regression test suite.

SKM Inc. | Bountiful, UT | July 2015 - March 2017

Project Engineer

- Designed power distribution calculation for commercial and industrial purposes.
- Used AutoCAD Electrical to create designs.
- Lead technical specifications editor.
- Visited sites to meet with clients to discuss needs and requirements.
- Lead Project Engineer for projects ranging across the Western United States.
- Met with power companies to discuss project ideas.
- Collaborated with multiple divisions to coordinate company-wide projects.

PROJECTS

Increase Regression Suite's Automation Test Coverage, Experity | August 2019 – Current

- About 10% of the regression suite was automation at the start of August 2019.
- Continuously worked on converting manual test cases into automated tests.
- Single-handedly increased coverage to about 20% by December 2019.

Creation of new Java Test Framework, Experity | October 2019 – November 2019

- Created test framework for a new micro-service feature.
- Framework tests UI as well as API endpoints.
- Framework used as a template for other micro-service projects.
- Test suite reduced testing time and caught more defects.

Functional Requirement Specifications, MasterControl | June 2017 – May 2018

- Worked alongside Product Owner and Project Manager to create requirements for a new feature.
- Created automated functional tests that validated product's functionality criterion.
- Tests followed specific rules and requirements that validates all aspects of software product.
- Helped create 70% of functional automated test scripts.

Database SWAT, MasterControl | June 2017 – July 2017

- Lead team of four Software Quality Engineers to maintain over 30 client databases.
- Cleaned, restored and upgraded existing client databases used to maintain and create software product.
- Before clean-up, databases returned a 67% passing rate, clean up improved rate to 100%.
- Company could not release update until passing rating was over 95%.

Management of Change Workflow, National Oilwell Varco | December 2014 – April 2015

- Using the Decisions platform, created workflow for NOV enhancing Management of Change SOP globally.
- Partnered with NOV management to produce superior automated workflow product.
- Project was reviewed and approved by corporate.
- Project was successfully distributed throughout 1,200 locations across the globe.