

SATHI RANGANATHAN

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SKILLS SUMMARY

- Over four years of combined experience on C#, Javascript, C, PostgreSQL, and Python
- Experience with test frameworks such as Mocha, super test, cucumber-preprocessor, SpecFlow, Nunit (C#), and unittest (python)
- Experience with UI testing framework such as Selenium and cypress
- Experience with project management tools such as JIRA and Azure Devops
- Experience with repository tool GIT

EDUCATION

B.Sc Honors Computer Science

Guelph, ON

September 2013 - April 2017

- Relevant Courses: Operating System, Algorithm Design, System Analysis, Database and concept, Software Engineering, System Analysis and Discrete Mathematics
- Scholarships : Elevator Project Pitch Bursary , Student Access Guarantee Bursary, Awesome Foundation Bursary and Thought For Food challenge scholarship

WORK EXPERIENCE

Bonfire

Software Development Engineer in Test (SDET)

Waterloo, ON

May 2021 - Present

- Organized QA plans and performed testing and automate multiple web application based on procurement
- Supervised a SDET team of 3+ co-op students across 3 teams to implement feature test cases and automation
- Automated regression test using cypress and cucumber with 90% coverage
- Made the regression test run on bitbucket pipeline nightly and produced report on the stability of the web applications
- Added automated accessibility testing using Cypress and AXE accessibility framework
- Implemented contract API test on the application using supertest, hapi lab and jest to automate 95% of the manual API test
- Made the contract API test and integration test to run on bitbucket pipeline so for each push to master branch

PetHealth

QA Automation Analyst / Release Engineer
Oakville, ON

March 2020 - May 2021

- Worked on multiple web application that are related to pet insurance
- Implemented spec runner for specflow on the existing automation code to produce reports on the regressions status
- Made adjustments to the existing automation code to runner faster on azure vm
- Implemented load and capacity testing for a new project to see limits on what the server can handle
- Created a test plan that contains QA requirement and business requirement to separate the task between QA and UAT testers
- Created test plan and requirements for unit testing for internal tool
- Implemented the unit testing on C# for many critical class part of the DAX crm program
- Worked with developers to coordinate the release for each sprint using the azure pipeline and cloud service

Entripy

QA Engineer / Automation Developer
Toronto, ON

March 2018 - March 2020

- Worked with multiple web applications
- Created a regression package and sanity testing package for the web applications
- Automated the regression package and smoke test package with selenium, C# and specflow
- Find, reproduce, isolate, identify, report and tracked issues/bugs from developers and product managers
- Choose BDD as the method of testing to make sure that the behavior of the application is functioning well
- Wrote New test cases, and test plans for new features
- Worked with Azure to run automated test with deployment, updated stories and features per sprint and pushed finished features to production on all five web applications
- Used POSTman to run test with WebAPI