

# Madhan Kumaravelu

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## EXPERIENCE

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### TrusTrace

Nov. 2021 – Present

#### Lead Quality Engineer

- Led testing team, defined scope of testing, created a test plan for every release and was part of Agile ceremonies
- Built scalable and maintainable automation framework and test suites from the scratch using Playwright in Java
- API testing using Retrofit to verify the backend services and reduced execution time of tests to 41%
- Containerized test scripts, and designed Jenkins pipeline to run tests in parallel

### Testvagrant Technologies

Sep. 2020 – Nov. 2021

#### Software Development Engineer in Test

- Built Web automation framework using WebDriverIO framework in Typescript, and integrated with CI
- API testing using Postman for manual check and Node-fetch library as part of automation
- Identify E2E scenarios that exercise operational and business work flows and automate
- Conduct code review to ensure the work delivered by the team meets quality standards

### Sysvine Technologies

Feb. 2018 – Jun. 2020

#### Quality Engineer II

- Web automation testing using Capybara in Ruby, and integrated with Circle CI
- Played a critical role in acquiring Workday global payroll partner certification
- Involved in functional, usability, compatibility, regression, and bug reports utilizing Jira tracking system

### Aiway Solutions

Dec. 2015 – Jan. 2018

#### Associate Systems Engineer QA

- Participated in daily stand-up, sprint-planning, and meet up with developers for shorthand-off demonstrations.
- Contributed to E2E web automation in Selenium using Java, and data driven approach using Apache POI libraries
- Involved in functional, regression, retesting and preparing testcases for all the modules

### TalentSprint

Dec. 2014 – May. 2015

#### Software Quality Assurance Intern

## Certification

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- Certified International Software Testing Qualification Board (**ISTQB - CTFL**) foundation level
- Certified Kubernetes Application Developer (**CKAD**), CNCF
- Google Cloud Fundamentals: Core Infrastructure, Coursera

## SKILLS

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**Languages:** JavaScript/Typescript, and Java

**Tools and Framework:** Selenium, Playwright, TestNG, Mocha, Gradle, Rest assured, Postman, Git, NPM, and Jira

**Devops:** Docker, Kubernetes, GCP, Jenkins, and Github Actions

## EDUCATION

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**Aalim Muhammed Salegh college of Engineering**

2010 – 2014

*Bachelor of Technology in Information Technology*