Msaddar F

Senior QA Automation Engineer, 8+ years experience
Lyon, France
https://augmntx.com/profile/senior-qa-automation-engineer-msaddar-f/axf24649

AugmntX
+91 9820045154 | hr@augmntx.com

Senior QA Automation Engineer with 8+ years of experience in test automation, CI/CD, and quality assurance. Skilled in WebdriverIO, JavaScript, API testing, and CI/CD pipelines. Strong background in building automation frameworks, optimizing test execution, and ensuring software quality. - Expert in: WebdriverIO, JavaScript, TypeScript, API Testing (Postman, SuperTest), Jenkins, GitHub Actions, JIRA - Industry Experience: Web applications, SaaS platforms, analytics tools -Key Strengths: Test automation strategy, debugging, cross-browser testing, and performance optimization Passionate about automation and improving software reliability. Let me know if you need any adjustments!

INDUSTRIES: Data Analytics, Ecommerce

TECHNICAL SKILLS

• Automation Testing	8 years
• Manual Testing	8 years
• QATesting	8 years
• Python	8 years
• Github	8 years
• Jenkins	8 years
• Aws Management Console	8 years
• SQL	6 years
• Type script	6 years & 3 months
• Selenium	6 years
• WDIO	5 years
• Java	4 years
• AWS	4 years
• Cyrpress	4 years

PROJECT DETAILS

• Internal Framework

Project Description: The project aimed to unify some functionalities across two platforms, Hotjar (HJ) and Contentsquare (CS), into a single integrated solution. This involved: Implementing essential metrics Ensuring a seamless user experience across different plans with feature-based restrictions. Automating key test scenarios for regression, UI validation, and backend API verification.
Responsibilities: Test Automation Development: Designed and implemented automated test suites using WebdriverIO (WDIO) for end-to-end (E2E) and regression testing. Test Framework Enhancement: Improved the automation framework by adding reusable helper methods and optimizing existing test cases. CI/CD Integration: Integrated test suites into the CI/CD pipeline using GitHub Actions, ensuring continuous quality checks. Bug Investigation & Root Cause Analysis: Led the identification of critical issues, including UI inconsistencies, API failures, and feature permission mismatches. Performance Testing: Conducted load testing to ensure the heatmap rendering was efficient across different datasets. Collaboration with Developers & Product Teams: Worked closely with developers to validate fixes and provided QA insights to improve overall product quality.
Technologies: Wdio,Rest,React,GHA,playwright
Industry: Data Analytics

• Testing Dashboard

Project Description: The project focused on ensuring the quality and stability of a web-based analytics platform by implementing a robust test automation framework and conducting manual validation for key features. The platform provided data visualization and user interaction insights, requiring thorough validation of UI, backend APIs, and data consistency.
Responsibilities: Test Automation: Developed and maintained automated test suites using WebdriverIO (WDIO) for end-to-end and UI testing. Framework Enhancement: Refactored test scripts and improved reusability by creating a structured test framework. CI/CD Pipeline Integration: Implemented automated tests within Jenkins/GitHub Actions to enable continuous integration. API Testing: Validated backend services using Postman and automated API tests with SuperTest/Chai. Bug Reporting & Tracking: Identified critical issues and collaborated with developers using JIRA for efficient defect resolution. Cross-Browser & Cross-Platform Testing: Ensured a seamless experience across different browsers and devices. Exploratory & Functional Testing: Conducted edge-case validation to uncover potential UX and logic issues.
Technologies: Test Automation: WebdriverIO (WDIO), Mocha, Chai, SuperTest Programming Languages: JavaScript, TypeScript API Testing: Postman, REST Assured, SuperTest CI/CD Tools: Jenkins, GitHub Actions Version Control: Git, Sourcetree Defect Tracking & Test Manag
Industry: Ecommerce

EMPLOYMENT HISTORY

• Senior Technical Automation Expert May-2022 - April-2025

Description: Led QA teams, achieving 95% on-time delivery through optimized manual and automated testing. Integrated automated tests into GitHub Actions, improving CI/CD efficiency by 40%. Developed a scalable automation framework using WDIO and Cypress, increasing test coverage by 60%. Spearheaded AI-powered test automation with GitHub Copilot, automating 85% of regression tests. Collaborated with developers to implement shift-left testing, ensuring early bug detection. Developed and maintained automated test frameworks for web, mobile

• Senior QA Automation Engineer June-2020 - May-2022

Alstom
Description: Automated API testing using Postman and Rest Assured, improving backend test reliability. Enhanced Jenkins pipelines for continuous testing, reducing release time. Increased defect tracking efficiency via Jira, reducing critical bugs by 40%. Developed mobile automation testing using Appium and Python, improving mobile test coverage. Developed cross-functional test automation frameworks with Selenium and Jenkins.

• Senior QA Automation / Manual Engineer August-2019 - June-2020

Air France
Description: Led API and regression test automation for flight management systems using Robot Framework & Python Enhanced mobile test automation with Appium and Python, increasing test efficiency by 30%. Integrated tests into Agile workflows, reducing release time by 20%. Integrated test automation into CI/CD pipelines using Jenkins. Conducted performance and load testing using JMeter to identify bottlenecks.

• QA Engineer October-2017 - July-2019

Accolade
Description: Designed, documented, and executed test cases based on functional requirements. Identified, reported, and tracked defects using Jira, TestRa Performed UAT (User Acceptance Testing) with stakeholders to validate product readiness Executed accessibility and usability testing to ensure compliance with WCAG standards. Decreased manual testing effort by 40% by optimizing test case execution and documentation.

EDUCATION

• Masters degree in Software Engineering from ENSET 2015 - 2017

LANGUAGES

• English - advanced

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