

Swetha Senthilkumar

Test Specialist | Test Lead | Senior Test Engineer | QA Engineer

A tech-savvy and competent IT professional with over 5 years of captivating experience in Automation Testing, Quality Assurance, Software Testing and Waterfall & Agile Methodologies. Seeking career advancement with an esteemed organization as Senior Automation Tester/Test Analyst/Senior Test Engineer/QA Engineer to integrate cutting-edge testing methodologies and automation frameworks, optimizing product performance and achieving remarkable results within Agile and DevOps environments.

✉ notetoswetha@gmail.com

📍 Edinburgh, United Kingdom

☎ 07776823556

🌐 [linkedin.com/in/swetha-senthilkumar](https://www.linkedin.com/in/swetha-senthilkumar)

WORK EXPERIENCE

Test Specialist/ Test Lead

IBM

11/2021 - Present,

Edinburgh

- **Collaboration and Improvement:** Collaborating actively within the team as a Test Lead, enhancing procedures and meticulous attention to detail.
- **Effective Communication:** Communicate acceptance criteria comprehensively to both technical and non-technical stakeholders that promotes consumer relationship.
- **Framework Design and Implementation:** Designing and implementing a Hybrid IDE test automation infrastructure using Selenium Webdriver, Maven, and Jenkins for frontend application.
- **Problem Resolution:** Successfully tackle critical issues, devising, making recommendations and implementing optimal solutions that significantly elevated regression performance percentage status.
- **Automation Report Management:** Preparing, validating, and maintaining automated tests reports, adeptly addressing any issues and generating final reports with a remarkable pass rate exceeding 97%.
- **Project Experience - Social Security Scotland:** Play a pivotal role in the Social Security Scotland project, contributing to continuous development and implementing innovative best practices to foster project growth.
- **Defect Lifecycle Expertise:** Gaining proficiency in the Defect lifecycle, actively participating in Bug Triage processes to ensure smooth defect resolution.
- **Docker and GIT Proficiency:** Demonstrating solid knowledge of Docker and GIT fundamentals, facilitating efficient project development and version control.
- **Continuous Learning:** Continuously acquire insights and skills, adapting to the evolving testing landscape and staying abreast of market best practices.

SKILLS

CI/CD tools	sql / Postgres/ Oracle
Analytical Skills	JIRA/ Confluence/ Github
Software Testing Life Cycle	Analytical and Problem-Solving Skills
Agile & Waterfall Methodologies	Project Management
Communication Skills	Interpersonal Skills

TECHNICAL SKILLS

Tools:

JIRA, Automation tools (Selenium, Rest APIs), Curam, Gitlab, EC2, API Testing, GIT, Programming language - JAVA, Basics of Python, Microsoft Excel Formula, PowerPoint

EDUCATION

B. Tech Information Technology

SNS College of Technology

06/2013 - 05/2017,

Coimbatore, CGPA: 8.72

HONOR AWARDS

Honored with the Eminence and Excellence Award, recognizing outstanding prominence and unparalleled mastery in the field. (03/2023)

IBM

Celebrated for fostering unparalleled collaboration and driving exceptional Stakeholder and Partner Success. (11/2022)

IBM

Distinguished with the Spark Award, igniting innovation and setting ablaze new paths of success. (10/2020)

IBM

Recipient of the prestigious Best Graduate Hire Award, exemplifying excellence and potential in the world of emerging talent. (04/2019)

IBM

WORK EXPERIENCE

QA Analyst

IBM India Pvt. Ltd.

02/2018 - 10/2021,

Bengaluru

- **Designed Test Planning and Strategy:** Developed comprehensive test planning and strategic approaches to ensure rigorous business processes. Provided training and guidance to new team members, facilitating their integration and productivity.
- **Scripted Test Cases:** Written detailed test scripts to accurately represent acceptance criteria and user requirements. Performed thorough test case execution, monitoring software application functionality and identifying defects.
- **Reviewed Test Evidence:** Scrutinized and validate test evidence, ensuring adherence to specifications, Scope and validating outcomes. Managed test evidence by uploading it to the qTest platform for organized documentation and accessibility.
- **Embraced Complete Software Development Life Cycle:** Demonstrated expertise across the entire SDLC. Gained valuable experience in testing Data Power functionalities to ensure reliability, scalable and performance.
- **Tested Web Services and XML:** Conducted thorough testing of JSON, HTML, RESTful web services and XML using tools like SOAP UI, ensuring flawless communication. Detected live issues, troubleshooting, and documented root causes for effective resolution.

PERSONAL ATTRIBUTES

Insatiable Curiosity

Innate Problem-solver

Resilience & Persistence

Impeccable Analytical skills

LANGUAGES

English

Full Professional Proficiency

INTERESTS

 Music

 Cooking

 Networking

 Travelling

CERTIFICATES

IBM Certified Advocate | Cloud v2 (01/2023)

AWS Certified Cloud Practitioner (07/2021)

Microsoft Certified: Azure Fundamentals (03/2021)

KEY STRENGTHS

Test Strategy Development:

Expertise in devising comprehensive test plan and test strategies approaches. Proficient in shaping project plans that align with project objectives. Overseeing the end to end process that enhance process improvement and meet business objectives.

Software Development Life Cycle (SDLC):

Thorough understanding of the complete Software Development Life Cycle. Proficiently navigate through various SDLC stages, from user requirements analysis to deployment, ensuring comprehensive quality assurance throughout the process.

Scripting and Test Execution:

Accomplished in creating scripted test cases and ensuring their execution. Skilfully carry out test scenarios and meticulously review test evidence, using platforms like qTest. Proficient in navigating the intricacies of test execution and providing valuable insights into software quality.

Automation Framework Development:

Skilled in designing and implementing hybrid test automation architectures frameworks using tools like Selenium Webdriver, Cucumber, BDD, TDD and Jenkins. Ensure coding hygiene, optimize solutions, and process analysis to improve the regression performance percentage after every release.

Defect Lifecycle Management:

Well-versed in managing the lifecycle of defects. Proficiently involved in bug triage, analysing root causes, debugging, and documenting live issues. Effective utilization of tools like JIRA to track defects, monitor progress, and ensure timely resolutions.

Agile and DevOps Integration:

Skilfully apply Agile and DevOps principles to testing processes. Attend and contribute in Scrum ceremonies, Daily Stand-ups, Sprint Planning, Sprint Refinement and Sprint Reviews. Strive to collaborate and work across cross-functional scrum teams.

Technical Communication:

Work collaboratively with both technical and non-technical stakeholders to deliver a seamless pipeline.. Skilfully communicate to provide ongoing process improvements and mentor other team members and provide feedback, experience in a collaborative team environment.

Continuous Improvement and Learning:

Committed to personal and professional growth, self-motivated and updated with latest testing methodologies and exposure to performance testing. Proficient in adapting to evolving industry trends