

Saisaran Parthasarathy

SDET | QA & Security Automation | 6+ Years

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📄 PROFESSIONAL SUMMARY

Senior Software Engineer with 6+ years across French and Indian tech companies, bringing a rare cybersecurity lens to functional testing. Proven track record owning QA independently end-to-end in fast-paced agile environments. Currently strengthening DSA fundamentals and building automation projects with AI-assisted development workflows.

🧠 SKILLS

Programming & Scripting: Java, Python, SQL, Bash

Test Automation: Selenium Webdriver, Cypress, Page Object Model, Cucumber(BDD/Gherkin)

API & Backend Testing: Postman, Rest API, JSON, PostgreSQL

CI/CD & Tools: Git, GitHub, GitHub Actions, JIRA, Confluence, Trello, Linear

Methodologies: Agile/Scrum/Kanban, BDD/TDD, Risk-Based Testing, Release Readiness & Triage

Specialized Skillset: OWASP Top 10, Data Structures and Algorithms (DSA)

📁 PROFESSIONAL EXPERIENCE

October 2025 -
March 2026
Chennai, India

Neurity Solutions, Cybersecurity Researcher

- I ran Web VAPT engagements against client applications, systematically testing for **OWASP Top 10 vulnerabilities including SQL injection, XSS, IDOR, and broken authentication**, and delivered structured remediation reports.
- **Result:** This gave clients clear, actionable findings to prioritize and fix before attackers could exploit them.

June 2024 -
February 2025
Chennai, India

Sectigo, Web Security Analyst II

- I built a library of reusable detection signatures based on past **malware patterns**, and wrote **regex scripts** to scan incoming data for them. When a match was found, an automated system would immediately quarantine and fix the issue.
- **Result:** This automation caught and fixed most recurring threats right away, reducing downtime and letting the team focus on tougher zero-day issues.

February 2024 -
May 2024
Nice, France

Capgemini, QA Consultant

- Worked a 3-month contract at Capgemini on the **Lufthansa LH airline IT** project, writing **test cases** for sub-hosted carrier integrations in a regulated enterprise environment.
- **Result:** Test cases written under this engagement supported safe, validated carrier integrations within a highly regulated environment.

July 2022 -
December 2023
Paris, France

Onepilot, QA engineer

- I built and maintained a **Cypress** automation suite for our **ReactJS** components and managed test data using **SQL**. I introduced **Test Lodge** to streamline bug tracking and reviewed **Git pull requests** to check that user stories were covered before merging.
- **Result:** This turned **manual testing** into a faster, **automated pipeline**, gave developers quicker feedback through early PR checks, and led to more stable releases.

October 2021 – April 2022
Paris, France

Stych [↗](#), QA Engineer

- I set up a system using **Trello** to track and manage bugs during each sprint. I ran triage sessions during release windows to find root causes, gave mid-release demos to Product Owners and SMEs, and put together risk reports before every production launch.
- **Result:** This gave the team a clear standard for "release ready," **fixed recurring bugs at the root**, and kept stakeholders informed, making deployments more predictable and lower-risk.

January 2021 – June 2021
Paris, France

Neobrain [↗](#), Product Owner and QA Intern

- I worked with Product Owners to write **user stories** and turn them into **Gherkin** test cases, focusing on the riskiest areas first. I also tested **backend APIs using Postman**, and dug through config files and logs to find the root cause when something broke.
- **Result:** This **BDD approach** kept development and testing requirements in sync, reduced **test maintenance**, and made it much faster to find and fix backend integration bugs.

September 2017 –
July 2019
Chennai, India

HCL Technologies [↗](#), Software QA Engineer

- I designed and ran automated regression tests in **Selenium**, covering both teams' core features and data flows. I also worked closely with developers and designers to review their **unit tests** and find areas that weren't covered.
- **Result:** Working this closely with the dev team meant our automated tests and their unit tests covered more ground together. This led to better code coverage, faster sprints, and fewer integration issues between components.

EDUCATION

2019 – 2021
Paris, France

EPITA, Msc Computer Science - Cyber security specialization
Specializing in Computer security

2013 – 2017
Chennai, India

Rajalakshmi Institute of Technology,
BE Electronics and communications engineering

COURSES

June 2026 – Present

Vanakkam DSA [↗](#), Hayan Tech
Strengthening core DSA fundamentals in Java and Python.

LANGUAGES

English

French

Tamil

PROJECTS

ielts365 [↗](#)

Built a Python automation tool that fetches a daily IELTS vocabulary word via a dictionary API, formats it as a styled HTML email, and sends it automatically using GitHub Actions on a daily schedule.

Eliminated all manual effort and server/hosting costs, running entirely on free, serverless infrastructure. Iteratively debugged and refined the word-selection and definition-parsing logic to improve output accuracy and relevance.