Sree Naganjali V

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SUMMARY

Senior SDET / QA Automation Engineer with 4 years of experience delivering automation solutions for cloud-native, API-driven, and Salesforce platforms. Strong expertise in API automation, CI/CD-integrated testing, and Kubernetes-based deployments using Helm. Proven ability to design scalable frameworks, enable shift-left quality, and collaborate with DevOps teams to improve release reliability and speed.

TECHNICAL SKILLS

Automation & Quality Engineering
UI Automation (Playwright, Selenium), API Automation (Rest-Assured, Postman, GraphQL), BDD (Cucumber), TestNG, Robot Framework, Katalon Studio

CI/CD & DevOps
Jenkins, GitHub Actions, Azure DevOps, Kubernetes (Helm), YAML

Programming & Scripting
Java, JavaScript, Python, SQL

Platforms & Enterprise Systems
Salesforce (Sales, Service, Marketing Cloud), Anaplan, WMS, Reltio

PROFESSIONAL EXPERIENCE

GE Vernova – Electrification Domain
Quality Assurance Engineer
May 2025 – Present

- Part of the **Data Fabric team**, contributing to *AnyBase*, an in-house federated database platform supporting BI, data-view applications, and internal client solutions.
- Designed and maintained **UI automation** using **Gauge + Selenium (Java)** for enterprise-scale applications.
- Implemented **performance testing** using **Playwright (Java)** to validate scalability and response times of data services and APIs.
- Performed **API automation testing** to ensure data integrity and reliability across federated systems.
- Validated Kubernetes deployments using Helm by testing chart overrides, readiness probes, and rollback behavior, improving release stability across sandbox environments.
- Built and maintained **CI/CD pipelines** using **Jenkins** and **GitHub Actions** in sandbox environments.
- Supported cloud-native quality by validating API and UI automation execution inside CI/CD pipelines targeting Kubernetes-based deployments.
- Worked with **DAAP CLI** to create and ingest **data-as-a-product** workflows.
- Developed **Kubernetes jobs** to ingest data into Plane-No-Data applications, ensuring reliable orchestration and monitoring.

Cognizant Technology Solutions
Senior Automation Test Analyst
Jul 2023 – Apr 2025

- Spearheaded automation of **1100+ test cases** for Salesforce across **Sales, Service, and Marketing Cloud**, improving test coverage across SIT, UAT, and Production environments.
- Led a team of **3 automation engineers**, driving Salesforce automation using **Java, Rest-Assured, and SOQL**, increasing coverage by **60%** and significantly reducing manual testing.
- Designed and implemented **BDD-based automation frameworks** using **Cucumber, Java,**

Maven, covering Web, API (GraphQL), and Mobile (iOS & Android) applications.

- Executed **POCs for 5+ applications** across Web, Salesforce, API, and Mobile platforms using **TOSCA** and custom frameworks.
- Basic experience containerizing automation frameworks using Docker to enable consistent execution across local and CI/CD environments.
- Integrated automation suites into **CI/CD pipelines using Jenkins**, enabling faster feedback and reliable regression execution.
- Identified **15+ critical defects early** through API automation, accelerating development cycles by **20%**.
- Reviewed and optimized automation scripts, improving execution efficiency by **25%** through best-practice enforcement.
- Conducted **knowledge transfer and mentoring sessions**, ensuring smooth onboarding and consistent automation standards across teams.
- Managed defect lifecycle using **Azure DevOps**, reducing defect resolution turnaround by **20%**.

Cognizant Technology Solutions
Automation Test Analyst
Jul 2021 – Jun 2023

- Automated **UI, Smoke, Regression, and API tests** for a Shopify e-commerce platform using **Playwright (JavaScript + Jest)**, achieving **33% faster execution** and **40% reduction** in manual testing.
- Validated cross-browser UI behaviour, including **30% CSS property verification**, improving UI consistency.
- Developed automation suites for **Anaplan** using **Java, Selenium, Maven, and TestNG**, reducing testing effort by **20%** during Excel-to-Anaplan migration.
- Performed **REST API automation** using **Rest-Assured**, covering **90% of endpoints** and improving API reliability.
- Built automation frameworks using **Robot Framework (Python + Selenium)** for Salesforce CRM, achieving **95% automation coverage**.
- Automated testing for **Warehouse Management System (WMS)** and **IBM DOM**, covering Web UI, database, and API workflows.
- Integrated test execution with **Jenkins CI/CD pipelines**, improving execution consistency and defect visibility.

EDUCATION
Bachelor of Electronics and Communication Engineering
Sathyabama Institute of Science and Technology, Chennai
2017 – 2021

CERTIFICATIONS

- Copado Robotic Testing
- Copado Fundamentals 1 & 2
- TOSCA AS1, AS2 & API Testing

ACHIEVEMENTS & INNOVATIONS

- Awarded for **exceptional performance** in rapid adoption of new automation frameworks and high-quality script development.
- Developed an **XPath Generator utility** to automatically identify and document XPath elements, improving automation efficiency.
- Participated in a **Hackathon (Regression Analyzer)** focused on optimizing regression execution.
- Designed a **reusable End-to-End Test Encapsulation framework** enabling cross-project reuse for e-commerce applications.
- Contributed to **10+ automation innovations and utilities**, delivering measurable business value and efficiency gains.