



## SUJITH C S

CHANASSERY HOUSE, P.VEMBALLUR (P.O), pin: 680671, THRISSUR.

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### OBJECTIVE

To obtain a challenging and growth-oriented position as a **Software Testing Engineer / Automation Engineer / QA Engineer**, where I can leverage my strong technical skills, industry experience, and passion for quality assurance to contribute effectively to innovative software solutions. Currently working as a **Technical Consultant** in the **FinTech domain**, with hands-on experience in automation testing, API testing, Performance testing, and banking application integrations.

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### SUMMARY OF SKILLS

- **Educational Background:**  
Bachelor of Engineering in Electrical & Electronics from Government Engineering College under Mahatma Gandhi University. Completed a specialized course in Software Testing with a strong intent to build a career in the field of quality assurance and automation testing.
- **Software Development and Testing Lifecycle:**  
Solid understanding of **SDLC** (Software Development Life Cycle) and **STLC** (Software Testing Life Cycle), ensuring a methodical approach to test planning, execution, and reporting.
- **Automation Testing Expertise:**  
Hands-on experience with **Selenium WebDriver** for automated UI testing. Skilled in setting up **automation frameworks from scratch**, including **Maven-based hybrid frameworks** with reusable test components. Proficient in implementing **TestNG annotations** to provide reusable test frameworks with **data-driven** testing capabilities.
- **Programming Skills:**  
Strong foundation in **Java programming**, with practical experience in writing scalable and maintainable test scripts using **Oops** concepts.
- **Version Control Systems:**  
Proficient in **Git**, including core Git commands for version control. Experienced in using remote repository platforms such as **GitHub** and **GitLab** for collaborative development and code management.
- **Domain Expertise:**  
Worked on projects in the **Electronic Funds Transfer (EFT) Switch**, **Card Management Systems (CMS)**, and **Core Banking** domains. Contributed to the **integration of CMS with MifoX**, an open-source core banking application.
- **Protocol and Communication Knowledge:**  
Familiar with the **ISO 8583** messaging standard used in financial transaction processing. Knowledgeable in network communication protocols such as **TCP**, **HTTP**, and experienced in analyzing network traffic using **Wireshark**.
- **API Testing:**  
Experienced in **REST API testing** using **Postman**, with a good grasp of request/response handling, parameterization, and assertions for test validation.
- **Performance Testing:**  
Hands-on experience with **Apache JMeter** for load and performance testing of web applications and APIs.

- **Containerization & Cloud Platforms:**

Experience in **Docker** for containerized deployment and testing. Familiar with **AWS cloud services** for deploying and managing test environments.

- **Agile Methodologies:**

Worked in **Agile/Scrum** environments with exposure to **Jira** for task tracking, sprint planning, and defect management.

- **System Administration and Deployment:**

Proficient in setting up **Ubuntu Server** environments on **VMware**, including the deployment and configuration of packaged applications.

- **Electronics and Networking Foundations:**

Sound knowledge in **Digital Electronics, Electronic Devices & Circuits, Control Systems, High-Speed Networks**, and **Data Communication Networks**, contributing to a strong analytical and troubleshooting approach.

## **Project: Automation Testing Framework for EFT Switch Application**

**Domain:** FinTech | **Role:** QA Automation Engineer | **Technologies:** Selenium WebDriver, TestNG, Java, Maven, Git, Apache POI

### **Description:**

Designed and developed a robust Automation Testing Framework for an **EFT (Electronic Funds Transfer) Switch Application**, enabling seamless execution of **regression** and **smoke testing** cycles. The framework adopted a **hybrid testing approach**, incorporating **data-driven testing** to enhance test coverage, reusability, and adaptability across varying input sets. Leveraged the **Page Object Model (POM)** design pattern to structure test scripts for better modularity, maintainability, and clear mapping of UI components to business logic. Delivered well-structured **UI Regression Suites** and **Functional Smoke Test Suites**, ensuring quick validation of critical workflows and early detection of defects in the application lifecycle.

### **Key Responsibilities:**

- **Architected and developed** a custom **hybrid automation testing framework** from scratch using **Selenium WebDriver, TestNG, and Maven** to support both **regression** and **smoke testing** for an EFT (Electronic Funds Transfer) Switch application.
- Implemented the **Page Object Model (POM)** design pattern to promote maintainability, reusability, and better alignment with business logic across test scripts.
- Enabled **group-based test execution** through TestNG XML configurations using `@Test(groups = { ... })` annotations for structured regression and smoke test suites.
- Developed **custom TestNG listeners** for:
  - **Automatic screenshot capture** on test failures.
  - **Retry logic** for flaky test cases using `Retry-Analyzer`.
  - Enhanced test result **reporting with custom XML and POM plugin configurations**.
- Built a dynamic, **Excel-driven Data-Provider** mechanism using TestNG to support data-driven testing; resolved edge cases such as incomplete row reads.
- Integrated **Git** for version control, working collaboratively on feature branches and code merges using **GitHub**.
- Captured and documented test failures with logs and screenshots, aiding in quicker debugging and resolution.
- Followed Agile practices, participating in regular sprint reviews and stand-ups, while managing tasks in **Jira**.

## WORK EXPERIENCE (Total 6.7 Years)

- Currently working as Technical consultant in Applied Payments(1.2 Years).

## Previous Experiences:

1. Industrial Automation testing and Site Commissioning (3 Years)
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## EDUCATIONAL CREDENTIALS

**Course in Software Testing and Test Automation, 2023**  
TRAINON

**Course in Industrial Automation, 2011**  
SMEC labs

**Bachelor of Engineering (Electrical & Electronics), 2010**  
Government Engineering College IDUKKI, Mahatma Gandhi University; 63%

**Intermediate, 2005**  
S.N.M.H.S, MOOTHAKUNNAM; 78%

**Matriculation, 2003**  
St. Joseph's High School, MATHILAKAM; 83%

### Academic Project/Seminar Undertaken

**Title** System Study of Distribution Automation

**Description** The project was aimed at improving the distribution of electricity in Trivandrum City by reducing the number and duration of outages by implementing the ring network system which was automated using micro RTUs at Substation levels and RTUs at remote destination Node levels. The overall system monitoring and controlling was implemented using SCADAs at individual Substation levels and at Center control Room level. Center Control Room was equipped with Redundant Server Systems for high availability data acquisition.

### Seminar

**Title** Paper Bio-Battery

**Description** Ultrathin and highly flexible Bio-degradable Battery which can be a promising power source for the future electronics and portable power applications.

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## PERSONAL PROFILE

Name : SUJITH C S  
Father's Name : SIVARAMAN C V  
Age : 37 years  
Date of Birth : 24/02/1988  
Gender : MALE  
Languages Known : ENGLISH, MALAYALAM, TAMIL and HINDI  
Nationality : INDIAN  
Passport Number : J3123602 valid till 03/03/2028  
Hobbies : Listening music, watching movies.  
Permanent Address : CHANASSERY HOUSE,  
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Pin -680671,  
THRISSUR ,  
KERALA

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**DECLARATION**

I hereby declare that the information furnished above is true to the best of my knowledge. I am also confident of my ability to work in a team.

01/July/2025  
Kodungallur

SUJITH C S

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**References:** Available on request