Sunil Kumar Sukesan

Test Manager

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Test Automation Manager with 12 years of experience in designing robust automation frameworks, leading high-performing QA teams, and optimizing test processes across **web, mobile, and API** platforms. **Skilled in automation strategy, data visualization**, and driving efficiency through **process automation and continuous improvement**.

🔗 Websites, Portfolios, Profiles

- github.com/sunilkumarsukesan
- https://www.linkedin.com/in/sunilkumar-sukesan/

💼 Work History

2025-01 - Current

Test Manager

PwC Malaysia, Kuala Lumpur, Malaysia

- **Led the end-to-end design and implementation** of scalable test automation frameworks for **Salesforce-based applications**, integrating **Web, API, and Mobile** testing layers.
- Developed a robust **WebDriverIO + TypeScript** framework from scratch with support for **encrypted config handling** and **rerun of failed tests**, reducing manual regression efforts by **70%**.
- Introduced **AI-driven enhancements using LLMs** (e.g., for **test case generation** and **defect classification**), significantly accelerating automation coverage in early stages.
- Reduced flaky test execution by over **60%** through **intelligent retry logic**, **advanced wait strategies**, and **failure classification models**.
- Automated **test case uploads and reporting** into **Azure DevOps** using **custom Excel macros** and **REST API integrations**, cutting down manual effort by **80%**.
- **Mentored** junior automation engineers and conducted **knowledge-sharing sessions** within the **PwC QA CoE** to promote **GenAI adoption** in test strategy.
- **Volunteered at PwC's AI Conference**, showcasing **GenAI-driven automation solutions** and contributing to overall event success.

2024-09 - 2024-11

Test Manager

Ernst And Young GDS, Chennai, India

- **Defined testing strategies** and established **QA benchmarks** to ensure consistent quality standards.
- **Improved efficiency** by implementing **automated test processes and tools**.

- **Documented test procedures** to enhance **reusability** and provide clear guidance for future testing.
- **Built automated scripts** to eliminate **repetitive testing tasks** and accelerate validation cycles.

Assistant Vice President - Core QA Automation
2023-06 - 2024-09

Citicorp Services India Pvt Ltd, Chennai, India

- **Maintained and enhanced the automation framework** by integrating latest changes and **refactoring redundant, tightly coupled code**.
- **Created and managed Jira tasks** for automation, assigned work to team members, and **reviewed code for framework integration**.
- Implemented **Kafka stream handling (static & dynamic)** to support **event-driven validations** for key functionalities.
- Upgraded the **E2E automation pack** to extract **SWIFT messages from the DB** and validate them against **enriched Kafka payloads**.
- Developed a **Python utility** to convert **XML data to Excel**, streamlining validation workflows.
- Explored the **Python Robot Framework** to empower **non-technical users** to automate functional test cases.
- Supported the **UFT regression suite** by automating **20+ test journeys** during the peak holiday period (Dec '23).
- Created a custom **Maven-based Java utility** to upload test evidence to **Zephyr** with a single click, reducing manual effort by **~80%**.

Test Automation - Assistant Manager
2022-12 - 2023-06

KPMG, Bengaluru, India

- **Created and maintained Azure CI/CD pipelines** to enable seamless and scalable **automation execution**.
- **Led two major projects end-to-end** from a QA standpoint, including **story estimation**, **task planning**, and **sprint management** within each **PI**.
- **Assigned tasks** and **monitored QA team progress** to ensure timely and quality delivery.
- Integrated **Azure Key Vault** to securely retrieve credentials in the **automation framework**, ensuring adherence to **security and compliance standards**.
- **Cleared automation backlogs** and provided regular **progress updates to stakeholders**.
- **Updated the test framework** to support **evolving requirements** and **technical enhancements**.

Test Automation Architect
2021-09 - 2022-11

Accenture (NatWest Client), Chennai, India

- **Updated the automation framework** to align with the **latest business requirements** and **technical enhancements**.
- **Shared weekly test automation updates** with key stakeholders to ensure visibility and alignment.
- **Tested newly developed API services** and validated their **integration with backend systems**.
- Conducted **feasibility analysis** for new features in **core banking mobile applications**.

- **Automated manual process flows** using **Excel VBA**, improving team efficiency and reducing errors.
- **Delivered KT and training sessions** on the automation framework to **onboard new team members**.
- Developed **custom Groovy functions** for evolving test scenarios, including **response header capture** and **dynamic string comparisons**.

2018-08 - 2021-09

Automation Test Lead

Barclays Global Service Centre, Chennai, India

- **Proficient in SeeTest** for mobile automation and **Selenium WebDriver** for web applications.
- Implemented **BDD using Cucumber with Selenium** and integrated **Rest Assured** for **JIRA result updates** across platforms.
- Enabled **distributed test execution** using **Docker containers** and **Selenium Grid**.
- Integrated automated tests into the **CI/CD pipeline using Jenkins** for continuous validation.
- **Led LCT automation efforts**, maintaining cross-platform **regression packs for iOS and Android**.
- Collaborated with feature test teams to identify **unautomated features** and ensure **up-to-date regression coverage**.
- Set up **cloud device labs** to support **remote app testing** during lockdowns for product owners and QA teams.
- Defined and **automated tracking of deferred live defects**, generating **weekly status reports**.
- Supported the **data adoption team** by automating **data visualization workflows using Python**.
- Automated **NPS and complaints tracking** by developing a **dashboard** with single-click analytics updates.

2015-05 - 2018-08

Senior Test Analyst

Barclays Global Service Centre, Chennai

- **Successfully transitioned automation ownership** from the **Center of Excellence**, continuing **regression execution and framework enhancements**.
- **Increased automation coverage** from **38 to 105 scenarios** across **Android and iOS** devices post-transition.
- Developed new **automation scripts** tailored for **Android device execution**.
- Migrated test reporting from **HTML to Extent Reports** within the **TestNG framework**, improving readability and insights.
- **Refactored the framework** by implementing the **Page Object Model (POM)** design pattern for better scalability and maintainability.
- **Led daily Scrum calls**, tracked automation progress, and ensured smooth collaboration across internal QA and Dev teams.
- Contributed to **test planning, regression suite updates, defect tracking, test execution**, and **TCM issuance**.
- Identified and prioritized **key test scenarios for SRP migration**, aligning them with **risk and impact assessments**.
- Coordinated with the **Barclays helpdesk** to generate **live test data** for **five tranches** of the migration project.

2012-12 - 2015-05	**Test Analyst**

Barclays Global Service Centre (Contract Role), Chennai, India

- Performed **cross-browser testing** for **non-transactional pages** on major **desktop and mobile browsers**.
- **Developed and implemented a defect tracking system**, improving **bug resolution time by 20%**.
- **Tested the full Smart Investor journey** of **150+ screens** within a week under tight delivery timelines.
- Created an **automated script to detect broken links** across webpages, improving **content reliability**.
- Built **23+ Excel VBA macros** to **automate repetitive tasks**, reducing manual effort across **QA and business teams**.

Education

2007-05 - 2011-05	**Bachelor of Engineering: Electronics And Communications Engineering**

Sriram Engineering College - Tiruvallur, India

Accomplishments

- Honored with the **Barclays Excellence Award** in both 2016 and 2018 for outstanding performance and delivery.
- Recognized with the **Barclays Stewardship Award** in 2020 for demonstrating ownership and long-term value creation.
- Awarded **Star of the Month** at KPMG in March 2023 for exceptional contributions to test automation initiatives.
- Received the **Gratitude Award** from Citicorp India Services in 2023 for consistent dedication and team support.
- Earned the **Flex Award** at PwC Malaysia in 2025 for exemplifying core behaviors — *Evolve* and *Inspire* — in delivering innovative QA solutions.

Personal Details

Date of Birth: 16-02-1990   **Nationality:** Indian

Marital Status: Married   **Passport:** X3196080