Piyathida San-aoun

Software Development Engineer in Test

Experienced Software Development Engineer in Test with 10+ years in QA and development, currently leading automation initiatives at the London Stock Exchange Group. Skilled in test automation of web apps and REST APIs using Cypress, Playwright, and Selenium. Proven expertise in designing scalable, maintainable test frameworks using the Page Object Model (POM) and reusable utility functions. Strong knowledge of Agile methodologies, CI/CD (Azure Pipelines, Docker), and cloud testing (Azure).

Currently based in Berlin with a valid job-seeker visa (Type D), eligible to work in Germany.

Contact

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GitHub
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Medium
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Adress
Färberstraße 49, Berlin, 12555

Education

Bachelor of Engineering in Electronic Engineering
King Mongkut's University of Technology North Bangkok (2009 - 2013)

Skill

Test Automation:
Proficient in UI, API (Mobile,Web)
- Specflow, Appium, XCUITest
- Cucumber
- Robot framework
- Cypress
- Playwright
- WDIO , Mocha , JEST
- Synthetic datadog
- Selenuim

Programming Languages:
- C# Babckend
- Python
- Typescript/Javascript (TS/JS) automation
- SQL

CI/CD tools:
- Azure Pipeline
- GoCD Pipeline
- Jenkins, Docker
- Github (GitHub Actions)
- Gitlab (DX1)

DataBase and Cloud:
- MySQL
- Azure Cloud
- Magento Cloud

Performance and load testing
- Jmeter

Software Concept:
- OOP
- Data-Driven test
- MVC, Design Patterns
- Agile scrum

Language

English

Thai

Experience

Lead QA Engineer - Automation

Refinitiv Software (LSEG) | Nov 2023 – Present | Fintech | Remote & Bangkok

- Developed and executed automation tests for user interfaces, APIs, and module libraries.
- Worked closely with stakeholders to gather business requirements and establish thorough test coverage.
- Crafted detailed test plans encompassing functional, boundary, edge cases, and performance scenarios.
- Integrated automated tests into CI/CD pipelines to ensure continuous quality assurance and enable quicker feedback loops.
- Collaborated with developers and QA leads to troubleshoot issues, enhance test coverage, and align with business objectives.
- Documented test results, defects, and key insights to assist stakeholders in making informed decisions.
- Achieved an 80% reduction in manual testing efforts by automating test processes, which accelerated release cycles and improved reliability.
- Identified and resolved critical bugs during the early development stages, preventing potential issues in production.
- Led the design and implementation of a scalable automation framework that aligns with the long-term QA strategy, enhancing coverage and maintainability.
- Mentored junior automation engineers, conducted code reviews, and promoted best practices in testing across teams.
- Utilized Cypress and Selenium for cross-platform UI regression automation.
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Methodologies:
- Agile/Scrum

Tools & Frameworks:
Playwright, Jest, Node.js, WDIO, Mocha (TypeScript)

Quality Assurance Specialist - Automation

Central Retail Digital

Dec 2022 – Sep 2023 | Retail Technology (Remote)

- Created automation tests for both website and mobile platforms (UI/API) utilizing XCUITest, Robot Framework, Appium-Mobile, Selenium, and Python.
- Conducted research to implement new automation technologies, thereby broadening the testing scope.
- Collaborated with DevOps to integrate CI/CD processes, including GoCD pipelines and Docker containers.
- Employed TestRails, Jira, and Confluence for project tracking, while managing version control through GitHub.
- Applied OOP principles and data-driven testing concepts with MariaDB and Magento Cloud databases.
- Developed comprehensive automation test suites using Cypress and Selenium to support both web and mobile applications.

Coordinated efforts with external vendors and internal developers to ensure alignment of automation initiatives with business objectives.

Experience

Senior Software QA Automation Engineer
Draycir Co., Ltd.
Nov 2019 – Dec 2022 | Fintech Industry

- Designed and developed automation tests for Website UI and API using C# .NET, Selenium, Cucumber, and Specflow.
- Built and maintained automated test suites, creating lifecycle scenarios for automated runs in both local and CI/CD pipeline environments.
- Led planning efforts for automation implementation, reviewing requirements and designing test plans with associated data for functional and non-functional testing in Scrum/Agile.
- Applied continuous integration and delivery (CI/CD) practices using Azure DevOps for streamlined development cycles.
- Reviewed and adjusted test scope for each build/deployment phase, ensuring coverage aligned with project timelines.
- Employed troubleshooting and debugging techniques to identify and resolve test failures, working closely with QA and development teams.
- Supported production deployments by executing tests and validating results, coaching team members in advanced automation techniques.
- Continuously reviewed and enhanced testing tools and methodologies, utilizing OOP and data-driven testing concepts with MySQL and Azure Cloud.
- Refactored legacy automation suites using Selenium and integrated them into CI/CD pipelines with Azure DevOps and Jenkins.

QA Automation Engineer

Ngern tid lor public company limited (RingZero IT Service)
May 2018 – Nov 2019 | Fintech Industry

- Played a key role in end-to-end quality assurance and testing of products, tasks, and deliverables.
- Collaborated with engineers and product managers to understand specifications and create comprehensive test plans and test cases.
- Defined, prepared, and managed test data sets to support diverse testing activities.
- Designed and developed website UI and API testing frameworks using Puppeteer for automated testing.
- Executed smoke tests, regression tests, and end-to-end tests, scheduling nightly tests to support continuous integration and performing load tests as needed.
- Supported documentation for user acceptance testing (UAT) and guided the QA team in implementing automation scripts for efficient testing.
- Identified and communicated defects, collaborating closely with the development team to ensure timely resolutions.
- Designed, developed, and maintained automated test suites for UI testing, covering both functional and end-to-end scenarios.

C# .Net Developer
Ecartstudio Co.,Ltd
Nov 2015 – Nov 2017

- Responsible for application framework design website.
- Coded using Microsoft .NET technology and develop API and Managed technical issues dealing with software development.
- Programmed in object-oriented programming (OOP)language C# and using database system is MySql