

SAM YEE XUAN NG

Quality Analyst | QA Automation Engineer |
Playwright & TypeScript |

Aspiring SDET / Automation Engineer with a Law & Full-Stack background. Hands-on experience in Playwright & TypeScript, applied in building a comprehensive E2E automation suite with CI/CD (GitHub Actions) and Docker. Combines strict QA discipline (Covalen) with solid Project Management skills (Volunteer PM for IrelandInfo.ie), ensuring quality delivery from code implementation to stakeholder release.

Professional Experience

Quality Analyst | Community Operations Analyst

Covalen Solutions *Nov 2019 to present*

- **Root Cause Analysis:** Investigated complex escalations to identify edge cases and root causes, ensuring alignment with community standards.
- **Data Analysis:** Analysed abuse trends and operational metrics to refine detection logic and ensure strict SLA compliance.
- **Tooling Optimization:** Evaluated audit tool functionality and documented system bugs to drive technical improvements in the QA workflow.
- **Process Documentation:** Developed technical documentation and quality guidelines to standardize policy application across markets.

Portfolio Automation Suite | GitHub & Vercel

- Built a robust E2E test suite using Playwright, TypeScript & Docker.
- Implemented Visual Regression Testing and GitHub Actions CI/CD pipeline.

Volunteer Project Manager

Cantonese in Ireland, NGO *June 2023 to May 2024*

- Led a €5k NEIC-funded project to launch irelandinfo.ie, managing development, SEO, and stakeholders to ensure successful delivery.

Education History & Certifications

Playwright Power Techniques: Fast and Reliable Web Testing | Coursera (HurixDigital)

Dec 2025

Focus: Advanced E2E automation, Docker containerization, GitHub Actions (CI/CD), and Visual Regression Testing.

Full Stack Web Developer Bootcamp | Epicode

Nov 2022 – May 2023

Intensive 6-month program covering JavaScript, TypeScript, React.js, Node.js, and MongoDB. Built responsive web applications and RESTful APIs.

LLB (Hons) Bachelor of Laws | Griffith College Dublin

Sept 2017 – May 2019

Developed strong analytical reasoning and attention to detail, essential for identifying logic gaps and edge cases in quality assurance.

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My Portfolio :
samyxng.vercel.app

GitHub :
github.com/yeexng

Skills

Test Automation:

- Playwright
- Visual Regression Testing
- Postman

Language :

- TypeScript
- JavaScript
- HTML/CSS
- SQL

DevOps & Tools :

- GitHub Actions (CI/CD)
- Docker
- Git/GitHub
- VS Code

Web Development:

- React.js
- Node.js
- MongoDB

Languages

- Mandarin (Native)
- Cantonese (Native)
- English (Fluent)
- Malay (Fluent)