

# Role Profile

Role Title	Level	Team	Function
Automation Test Lead		IFGL Group IT	IT Delivery

## Purpose of the Role

The Automation Test Lead reporting into the Enterprise Test Manager is responsible for the adoption, design, implementation and maintenance of the frameworks, artefacts and tooling required to facilitate automated quality assurance across IFGL application paths to live. The primary focus is on creating robust automation frameworks and maintaining test suites to support the IFGL software development lifecycle.

The Automation Test Lead collaborates with cross functional technology teams to understand software requirements and design efficient automated testing solutions for each target application, focussing on creating test scripts and frameworks for functional, non-functional, regression and end-to-end automated scripts for products front-end and back-end applications. Working closely with engineering, DevOps and Product owners to proactively integrate automated tests into automated CI/CD pipelines across cloud hosted environments (Azure).

Engaging with suppliers, product owners and internal technology teams to deliver component, integration and E2E tests that ensures all requirements, features, or stories have been fully tested and accepted by the stakeholders prior to deployment to Production services.

Using established and emerging technologies to verify the quality, integrity, security, and scalability of our deliveries, working closely with technology teams in our highly collaborative environment to deliver software of high value and quality.

## Key Contribution Areas

### Measures

Key Contribution Areas	Measures
Ownership of IFGL Test Automation frameworks	<ul style="list-style-type: none"><li>• Design, develop, and maintain scalable and maintainable automated test scripts and frameworks using tools such as Selenium or similar technologies to cover functional, regression, and performance testing</li><li>• Collaborate with development teams to understand requirements, define test strategies, and identify test scenarios suitable for automation, ensuring comprehensive test coverage</li><li>• Develop and manage test data sets required for automated testing, ensuring data integrity, consistency, and relevance for different test scenarios.</li><li>• Integrate automated test suites into (CI/CD) pipelines, ensuring automated testing is an integral part of the IT delivery process.</li><li>• Execute automated test scripts, analyse test results, and report defects, providing accurate and detailed information to aid in root cause analysis and issue resolution.</li></ul>
Understanding and supporting the control environment for the IT Delivery team,	<ul style="list-style-type: none"><li>• Actively support the control environment, maintaining control effectiveness across existing controls, being mindful of emergent risks across IT Delivery functions</li><li>• Ensure Testing activities are understood and communicated effectively</li></ul>
Ensuring Test automation meets agreed targets	<ul style="list-style-type: none"><li>• Define Test automation metrics and efficiency KPIs such as automation coverage vs manual</li><li>• Implement monitoring protocols to demonstrate quality improvement over time</li></ul>
Driving improvements across the Testing function	<ul style="list-style-type: none"><li>• Identify opportunities for efficiencies by implementing best practices, optimising processes, and proactively evaluating emerging technologies, tooling and automation</li><li>• Mentor and train other members of the team and wider business</li></ul>

### Functional or Technical Knowledge and Skills Required

- Experience automating various test types (integration tests, chain tests, functional tests, unit tests) for both backend and frontend systems;
- Extensive experience in test automation, having worked with frameworks/tools such as (Rest-Assured Cucumber, Selenium, Node.js, Postman)
- Competent building test suites in modern programming languages (i.e Java or JavaScript/Python)
- Experience working in an agile environment, collaborating with various product, technical and delivery teams
- Experience defining test coverage for manual and automation scripts
- Demonstrated experience building pipelines, preferably in Azure DevOps, Microsoft .NET;
- Knowledge of CI/CD, test automation, tooling around test automation; Jenkins, Bit bucket, Github

- Previous experience of software development in the financial markets or Fintech (Preferable but not essential)
- Good communication skills and proactive: on the way to production you work together with other teams and partners;

**Personal Capabilities Required, e.g. skills, attitude, strengths**

- A Pro-active individual, self-motivated, and able to use own initiative
- Excellent spoken and written communication skills, with the ability to translate complex technical topics

**People, Budget and Project Scope**

- Reports to the Enterprise Test Manager
- Works in tandem with other teams in the function and all stakeholders involved in Technology delivery across the IFGL Group