

QA Automation Engineer

About Carbonplace

Carbonplace is a global carbon credit transaction network that enables the simple, transparent, and secure transfer of certified carbon credits. Established by a group of banks committed to driving climate action at scale, Carbonplace is a crucial piece of infrastructure that will open the voluntary carbon market to the world.

Using blockchain-enabled distributed ledger technology, the platform's secure distribution network will allow secure, and traceable settlement of carbon credit transactions – including retirement of credits – with immediate transfer of ownership upon payment.

The platform will drastically enhance access to the voluntary carbon market by being available to millions of corporate customers from each member bank.

Role Responsibilities

The Senior QA Automation Engineer is a key contributor in ensuring we are able to deliver quality products to our customers. Acting as the gatekeeper between our development and user environments, they work meticulously to test and retest products, seeking out defects and driving their resolution with software engineers.

The QA Automation Engineer will:

- Design and develop test scripts that are reusable throughout the project
- Build new test frameworks and/or extends existing frameworks and configure tools to accommodate both functional and load testing
- Challenge all user scenarios and test cases to investigate all possibilities of failure
- Design, Develop and Execute scripts by themselves and working closely with Business Analysts and Tech Leads in order to make sure that all aspects of testing are covered
- Have demonstrated a track record in terms of pushing the limits of automation, covering end to end testing by leveraging multiple components

Key activities:

- Define, propose and refine test strategies
 - Conduct technology watch of available tools
 - Propose test strategies appropriate to the situation
 - Prepare corresponding flow charts and diagrams
- Define, propose and refine test framework
 - Set-up testing tools and pipeline
 - Evaluate functional and non-functional requirements together with Business Analyst and Tech Lead in order to propose and implement adequate testing frameworks
 - Document all testing processes
 - Administer and maintain all automation scripts and review all product changes in coordination with tech team in order to anticipate required changes
- Implement test cases
 - Monitor functional and non-functional requirements in order to implement automated test cases
 - Continuously and rigorously implement all test cases, evaluate results, and prepare corresponding test data and reports
 - Occasionally define and perform manual testing, when appropriate

Job requirements

Required

- 5+ years' experience as a QA Automation Engineer with experience in:
 - Testing strategies and frameworks

- Test script development
- Experience with: functional and black-box testing, regression testing, system integration testing, load testing, manual testing
- Java coding skills and experience
- Experience with applications written in Javascript, React.js, Node.js
- Knowledge of, and experience with:
 - Testing tools (Selenium, Cucumber, SoapUI, Junit, Eclipse)
 - Security scanning tools (Veracode, Fortify, Checkmark)
 - Chaos engineering (chaos monkeys, gremelins)
 - Performance testing (SpeedTest, Jmeter)
- You should have experience working in an agile software development environment
- Fluency in verbal and written communication in English

Bonus points for

- Professional certification in Quality Assurance
- Knowledge of blockchain technology

Other skills to demonstrate

- Experience working on large Enterprise application development projects
- Experience with agile development process
- Teamwork, with strong communication and facilitation skills
- Self-sufficient, self-starter and a fast learner. Can take initiative and prioritize own work

Location & Commitment:

- This is a full time contract role with potential opportunity to convert to permanent staff.
- The roll will require a mix of remote working and occasional in-person working on-site in central London.

Salary:

- Competitive based on experience