



Senior Agile QA – Fully Remote

About Us:

Ninety Percent of Everything is looking for an experienced Senior Agile QA professional to join the team and work in a fully remote manner.

Our goal is to revolutionise shipping by creating a suite of comprehensive software solutions for the Maritime industry. Our journey begins now. Over the next couple of years, our teams and squads will build more than 30 products from the ground up. This includes everything from global vessel tracking to vessel performance analysis, crew optimisation and so much more. This is an exciting and challenging opportunity to apply cutting-edge technology to revolutionising an iconic industry.

[Introduction to 90PoE](#)

Our tech stack consists of React and React Native applications communicating using GraphQL to microservices containers orchestrated by Kubernetes. Internally our services use gRPC for communication and achieve high scalability thanks to an Apache Kafka based event driven architecture and persist data to a mix of RDBS and No-SQL databases including PostgresDB, MongoDB, S3 and Elasticsearch. We follow modern CI/CD and agile methodologies to deploy into production multiple times per week.

The Role

90POE's mission is big. It is not going to be easy but with the support and determination from our stakeholders and the brilliant people we have hired we can achieve anything. Right now, we are seeking an experienced **Senior Agile QA** professional to shift our quality process to the Left by collaborating with different stakeholders on the aspects of quality. Our work heavily relies on data. Raw Data is streamed in our system by processes like ETL, after aggregation, enrichment and manipulation results are saved into materialized views that product teams rely on to build user applications.

At 90POE we truly believe that QAs are more than just testers; they are team motivators and strive to encourage all teammates to weave quality into their mindset and code. We see QA as the technologists who focuses on the complexity and risk inherent in building solutions and by collaborating with different stakeholders they make sure that 'the right solution is built' and 'the solution is built right'.

We believe, Senior Agile QA is a position of influence, with a strong focus on supporting delivery of key initiatives and improvements to drive a Quality culture in QA roles and beyond. You will be comfortable working as a self-starting individual and have a collaborative approach to implement and influence positive change in people and processes.

With proven expertise and experience in Agile, Quality and Testing, you will cultivate and strive for a continuous improvement culture and demonstrate a true left-shifted, whole team approach to quality. As a champion of Testing vision, you will provide everyday role modelling for other individuals; motivating, mentoring and helping others to develop their skills and to aspire to better themselves.

You will actively advocate for quality being everyone's responsibility and embed better practices, with a strong 'Test Pyramid' automation focus. Your consideration of quality extends beyond functional aspects of Quality, encompassing non-functional capability such as security, performance, fault tolerance, accessibility and useability.

We expect that the right candidate would acquire maritime domain specific knowledge, thanks to the high exposure to domain data, therefore no prior domain expertise is required.

What's in it for you?

- Working with latest cutting-edge data streaming technologies
- Helping to disrupt a century old industry in a startup environment
- Having direct influence in how we build our data streaming platform at 90poe
- Opportunity to grow and develop your core skills
- Deliver a green field system
- Work with a diverse multicultural team in an agile environment
- Variety of knowledge sharing and self-development opportunities
- Competitive salary
- Opportunity to work in a remote-first business.
- Occasional visits to vessels to observe how our software and hardware is being used in the real world
- Experience firsthand the squad-chapter-guild workflow model, our version of the Spotify model

What you will be responsible for:

- Strive for Quality to be built and aspire to 'Shift Quality to the left' by highlighting measures for risk mitigation within the team as early as possible.
- Offer improvements on code, tests, testability and suggest tools and frameworks to avoid problems such as Test Case duplication, flaky tests, and maintainability.
- Be part of the development team pairing with Devs and Product Managers, Infrastructure Engineers, and Designers to embed the Quality and Testing mindset within different roles.
- Be comfortable with peer reviewing test coverage at each and every level of Test Pyramid.
- Continuously produce and implement approaches to testing right from beginning of product analysis to production; evolving it based on changing time and circumstances.
- Be an advocate for Quality as a shared team responsibility, yet are open to change when needed.
- Contribute to security, performance and accessibility testing activities in the team.
- Work with stakeholders to understand user needs; identify, negotiate scope of testing along with bringing them onboard with the testing approach.
- Present and maintain the risks involved at the time of releases and help stakeholders take informed decisions on the quality.
- Champion QA practices and tools to the broader tech community, through chapter and guild meetings, blogs and acting as a mentor.
- Know what to test and what level of the process in micro-services based architecture.
- Be comfortable to work in remote-first setting.

This is a hands-on position for an expert QA engineer. In addition to practical coding and QA skills, an important aspect is played by soft skills tasks such as:

- Researching, gathering, organizing tests around data.
- Evangelizing the importance of testing with real-world data to strengthen the system.

- Enhancing a cultural shift in intensive data applications development cycle.
- To be self-driven with an attitude for continuous learning and improvements.
- Above all a good team player who treats others with respect and can be approached by everyone in the team for advice on Quality.

Requirements:

- 8+ years of experience in Software testing.
- Ability to analyze and troubleshoot complex data-based testing scenarios.
- Familiarity with cloud-based / micro-services architecture.
- An excellent understanding of the principles of Agile testing.
- Experience of working in a fast-paced Agile/Scrum environment.
- Strong communication and collaboration skills.
- A pro-active, positive 'can-do' attitude.
- Experience of TDD and BDD techniques.
- Ability to review and understand the code/ unit tests.
- ISTQB Certified - Foundation Level.

Nice to have:

- Experience with Kafka stream-processing platform.
- Ability to review and understand the code/ unit tests written in Golang.
- Working knowledge of Docker/Docker compose.
- Working knowledge of Integration level tests using Venom.
- Past experience in testing enterprise level software using GraphQL to communicate with microservice containers orchestrated by Kubernetes.
- Have basic understanding of relational and noSQL databases and is comfortable to interact with them.
- Past experience with Data Intelligence products where you are able to prepare fake data and review complex mathematical calculations to show KPIs on a dashboard.
- Past exposure of Fault Tolerance tests in a network that involves multiple nodes.
- Experience of using automation tools such Javacript, Cypress, JMeter, Soap UI.

More about you

- Good level of English
- Willingness to learn and open mind about new technologies.
- Confident to operate in a fast-paced environment.
- A collaborative approach and willingness to engage in an environment of active idea sharing.
- Ability to learn autonomously.
- Excellent all-round communications skills.