nuuvia™
A new path to building lifelong banking relationships.

Job Title:
Principal Quality Engineer and Technical Integrations Lead

Job Description

Overview

Reporting to the VP, Head of QA and Technical Enablement, the Principal Quality Engineer and Technical Integrations Lead will play a critical role in ensuring the quality and reliability of Nuuvia's Lifecycle Banking platform. This hands-on position is responsible for building scalable test automation, validating complex financial technology integrations, and embedding quality throughout the software development lifecycle.

The successful candidate brings strong FinTech experience, knowledge of bank and credit union core systems, and a practical understanding of APIs, digital banking platforms, and payment technologies. This person is a resourceful problem solver who thrives in a fast-moving startup environment, works independently, and uses automation and AI-enabled tools to improve speed, coverage, and effectiveness. They will work not only with engineering teams but also with Implementation and Sales to provide technical integration support to new and existing customer pipelines.

This is a remote, US-based position.

Key Responsibilities

1. Quality Engineering

- Develop and execute comprehensive test strategies for web applications, APIs, integrations, and data workflows
- Create, maintain, and expand automated test suites covering functional, regression, integration, database, and end-to-end testing
- Validate software across multiple client configurations, environments, and integration partners
- Investigate defects, document findings clearly, and collaborate with Engineering and Product to drive timely resolution
- Design and maintain scalable automation frameworks that improve test coverage and accelerate release cycles
- Support release-readiness activities, including regression testing, production validation, and Go or No-Go recommendations
- Use AI-assisted development and testing tools to improve test creation, defect analysis, documentation, and troubleshooting
- Maintain existing systems while supporting growth and technical advancements

2. FinTech & Core System Validation

- Test integrations with bank and credit union core processing systems, digital banking platforms, card providers, and third-party services
- Confirm that integrations meet functional, security, compliance, and client-specific requirements
- Support implementation teams in diagnosing configuration, data, and integration issues

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- Help with Technical Integrations by reviewing specs, tracking capabilities, and working externally to improve communication and reduce churn

3. **Startup Collaboration**

- Operate effectively in an environment where priorities evolve and team members take broad ownership
- Work independently, identify gaps, and drive issues through resolution without requiring extensive direction
- Collaborate closely with Engineering, Product, Implementation, Client Success, and Compliance
- Balance release speed with product quality, security, and customer impact
- Contribute to a culture of accountability, curiosity, continuous improvement, and shared ownership of quality

Minimum Required Skills and Qualifications

- 12 or more years of technical integrations and quality engineering experience
- Experience testing SaaS and FinTech products in complex, integration-heavy environments
- Direct experience working with banks, credit unions, and financial-services technology providers
- Working knowledge of bank or credit union core processing systems and digital banking ecosystems
- Strong SQL knowledge and experience with database validation testing
- Experience using AI-assisted engineering or testing tools to improve productivity and quality
- Previous startup and growth-stage company experience
- Strong analytical, troubleshooting, documentation, and communication skills

Desired Skills

- Experience in FinTech with strong experience working with digital banking and core technologies
- Knowledge of accessibility, security, and performance-testing practices
- Experience helping a growing organization establish automation standards and mature its QA processes
- Willingness to wear multiple hats, help where needed, and act as an exceptional problem solver

Measures of Success

- Increased automated-test coverage across critical customer and transaction workflows
- Improved release quality with fewer production defects
- Faster, more predictable regression and release-validation cycles
- Improved communication across business and technical teams

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Benefits

- Competitive salary and bonus structure
- Comprehensive benefits package including health, dental, and 401(k)
- Dynamic work environment with passionate, driven colleagues
- Opportunity to shape the future of youth banking.

About Nuuvia

Nuuvia, a Tyfone group subsidiary, is the leading provider of intelligent lifecycle banking solutions for community banks and credit unions. Designed to easily integrate with a financial institution's existing digital banking infrastructure, Nuuvia's platform helps institutions acquire, retain, and more effectively engage account holders across multiple generations with personalized digital experiences as a Nuuvia-branded service, a co-branded service, or under the institution's white-label brand.

Nuuvia's flagship digital youth banking module is live with dozens of community banks and credit unions across the country, enabling them to acquire, grow, and retain youth accounts and deposits, promote financial health, and build long-term loyalty in an increasingly competitive marketplace.

Nuuvia is an equal opportunity employer. We encourage candidates from diverse backgrounds to apply.