

POSITION DESCRIPTION

QA ENGINEER

News Distribution Network, Inc. (NDN) www.newsinc.com is headquartered in Atlanta, Georgia. NDN's centralized, multimedia-serving platform enables the broad distribution of news, business, finance, travel, entertainment and sports content for the online newspaper, magazine and radio markets. NDN's platform eliminates significant infrastructure and operating costs while enabling revenue growth.

THE POSITION

The QA Engineer will be based in Atlanta at NDN's headquarters, and will report to Jamal Lacour, Director of Software Development.

RESPONSIBILITIES

- Work in an agile software development environment, and ensure the quality of the architecture of our Enterprise software application.
- Gain a technical and functional understanding of our product architecture, and become part of our ongoing feature development effort.
- Proactively work with members of an agile team to find and fix defects in our product architecture using manual and automated testing.
- Communicate with Project Manager and Developers to prioritize deliverables, and create acceptance tests as part of the requirements.
- Perform functional testing, as well as performance, scalability, stability, and reliability testing on the architecture of the system.
- Frequently utilize third party, web testing tools and responsible for the oversight of the testing.
- Perform data validation testing.
- Manage the team's test case inventory.
- Refine requirements and test cases when there is missing or erroneous information.
- Produce and maintain test coverage reports for functional and automation coverage.
- Analyze defects / test results and be able to deduce the chain of events leading to a failure.

- Communicate critical issues and status updates in a timely manner to team.
- Actively participate in development team meetings.

EXPERIENCE

The QA Engineer must have an extensive background in web testing including front- and back-ends. Ideally, the QA Engineer will have some knowledge of .NET programming, either through certification or prior experience. Additional experience needed:

- Minimum of 5 years experience with QA methodologies and software testing.
- Adept in quality assurance methodologies.
- Skilled in testing an application without a GUI.
- Proficient in writing SQL queries to validate data inputs and outputs.
- Accomplished in creating standalone XML feeds for structured data testing.
- Proven track record of developing and executing test plans.
- Highly competent in testing integrated systems and interfaces, as well as use source control.
- Ability to perform automated testing at all 3 main layers (Unit, Services/Integration, and UI) and understands the importance of both manual and automated testing.
- Familiarity with testing applications in multiple web browsers.
- Successful in developing his/her own testing tools is a plus.

KNOWLEDGE

- Software test case design techniques such as boundary value, decision table, Pairwise, state transition, and use case testing.
- Principles of software design.

PERSONAL TRAITS

- Strong problem solving skills.
- High degree of self-confidence. This is the first employee (non-contractor) hire for QA on the development team.

- Self-motivated and willing to *do what it takes* to get the job done.
- Team player.
- Ability to handle multiple tasks under tight deadlines.
- Detail oriented.
- Strong written and verbal communication skills.
- High degree of self-motivation to learn new methodologies, which will enhance job performance.
- Operate with a sense of urgency and value accountability.
- Conduct him/herself with a high degree of integrity.

EDUCATION

Bachelor of Science in computer science, engineering or math at a minimum.

COMPENSATION

Compensation package includes base salary, stock options and benefits.

CONTACT

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NOTE: This job description is not intended, and should not be construed, to be a complete list of all responsibilities, skills, and efforts associated with the position. It is intended to be an accurate reflection of the principal elements associate with the position.