RONAK RAY [in]

A results-driven technical leader specializing in quality engineering and product strategy. Proven track record in building high-performing teams, driving product innovation, and aligning technical solutions with business objectives.

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EXPERIENCE

Vice President, QA & AI Strategy — May 2025 - Present

Vice President, QA & Technical Project Management — July 2023 - April 2025

Vice President, Quality Assurance — Nov 2021 - Jun 2023

Senior Director, Quality Assurance — Jan 2021 - Oct 2021

Director, Quality Assurance — Jan 2019 - Dec 2020

Forbes Media, Jersey City, NJ

- **Career progression:** Promoted through five roles—from Director (2019) → Senior Director (2021) → VP QA (2021) → VP QA & Technical PM (2023) → VP QA & AI Strategy (2025)—building our Quality organization from 5 to 35+ engineers.

- **AI Strategy & Execution:** Defined and rolled out an enterprise AI roadmap for QA—piloting LLM-driven test generation, anomaly detection, self-healing pipelines, and a conversational QA assistant—reducing test-creation time by 50% and production incidents by 30%.

- **Automation & CI/CD:** Spearheaded a Playwright-based framework, boosting automated coverage from 10% to 85% and slashing regression cycles by 70%; transformed release cadence from 2→60 weekly deployments via predictive analytics in CI/CD.

- **Quality Leadership:** Directed end-to-end QA strategy, achieving 80% product-reliability gains and 50% higher end-user satisfaction through advanced performance, security, and usability testing.

- **Agile Transformation:** Advocated Scrum adoption and a shift-left culture—integrating testing into early development, establishing KPIs and dashboards for defect trends and release health, and mentoring QA leadership.

Quality Advocate — July 2018 - Dec 2018

World Wide Technology, New York, New York.

- Championed QA efforts while serving as a mentor and servant leader for other quality advocates.

- Established dashboards and KPIs to monitor test execution, track defect trends, and assess product readiness, enabling informed, data-driven decision-making.

- Designed and implemented an automated testing framework and suite for validating internal tools.

- Developed a robust test infrastructure to evaluate API services, integrating it into the delivery pipeline using Kotlin, KotlinTest, and RestAssured.

- Conducted performance testing using Locust to ensure scalability and reliability of systems.

Skills

- Executive Leadership and people development
- Effective communicator
- Stakeholder management
- Strategic planning and execution

Programming Languages:

- Python
- Javascript
- Kotlin
- Java

Test Automation Tool:

- Cypress
- Playwright
- Selenium WebDriver
- Locust

Other useful Tools/libraries:

- Pytest, pytest-bdd
- KotlinTest
- Mocha
- Jasmine
- RestAssured
- Request

Tech Lead
Mastercard, New York, New York.

April 2018 - July 2018

- Served as Technical Lead and Test Architect for a team of seven Software Development Engineers in Test (SDETs).
- Delivered a comprehensive test automation strategy, resulting in a 60% reduction in manual testing effort.
- Enhanced an end-to-end test framework using Java, Selenium, Maven, JUnit, and BrowserStack, improving test coverage and execution efficiency.
- Advocated for and enforced a shift-left approach in the development cycle, ensuring early defect detection by reviewing developers' pull requests from a testing perspective.

Test Engineering Manager
MediaMath Inc., New York, New York.

Dec 2014 - April 2018

- Leading a team of software test engineers focused on developing and maintaining automation test frameworks.
- Designed and contributed to building a scalable UI automation framework in Python, leveraging the Page Object Model, Pytest fixtures, and industry best practices.
- Developed a Dockerized UI testing framework using Selenium Grid for efficient, scalable testing across multiple environments.
- Configured and maintained various Jenkins jobs to support continuous integration testing, driving actionable steps toward a robust CI/CD pipeline.

Product Test Engineer- II
ICIMS Inc., Matawan, New Jersey.

Jan. 2012 –Dec 2014

- Served as QA Team Lead, responsible for reviewing test cases and developing comprehensive test plans.
- Developed and executed Selenium tests in Java for UI testing, complemented by manual testing for critical scenarios.
- Managed and maintained the JIRA server, ensuring smooth configuration and functionality for project tracking.

Automation Engineer
Urbandaddy Inc., New York, New York.

Mar. 2011 – Jan. 2012

- Conducted functional, GUI, and end-to-end testing using Selenium WebDriver to ensure application quality and performance.

- Maven, Gradle
- Cucumber, Behave
- Jenkins, Argo, Circle CI
- GitLab, GitHub
- Docker, Docker-Compose Kubernetes
- AWS, GCP
- DBs: MySql, Mongo, Postgres

Bug Tracking Tool:
- JIRA
- Bugzilla
- Redmine
- Target Process
- Element Tool

Project Management Tool:
- JIRA
- Monday
- Asana

Methodologies:
- Scrum
- Kanban