Maryland, Baltimore

nickgumbs@gmail.com

240-437-7049

NICHOLAS GUMBS

SR. QA AUTOMATION ENGINEER

PROFESSIONAL SUMMARY

Results-driven QA Automation Engineer with 4+ years of experience developing automated test suites for web and mobile applications. A strong team player with proven leadership, communication, and analytical skills focused on delivering high-quality products.

SKILLS

Programming: JavaScript, TypeScript, HTML, CSS, Java, Python

Frameworks: Cypress, Cucumber, Kubernetes

Cloud Services: CloudWatch, S3, EC2, Lambda, Cloudflare, Datadog

Tools: Github, JIRA, Github Actions, JMeter, Loadster, Postman, Docker

Testing: Accessibility, API, Automated, Load Testing, Manual, Regression, Stress Testing, Performance Testing

Soft Skills: Leadership, Collaboration, Communication, Teamwork

EMPLOYMENT HISTORY

NOV, 2020 - PRESENT

Senior QA Automation Engineer, Brightspot

- Pioneered the development of an automated test suite from the ground up using the Cypress framework and Page Object Model (POM) for maximum code reusability, ensuring seamless integration into the CI pipeline. The expanded test coverage reduced regression testing time by 63% (from 8 hours to under 3 hours).
- Spearheaded several successful product launches, guiding them through SDLC from infancy to completion by defining QA processes, developing robust test plans, maintaining test documentation, and executing manual and automated test cases.
- Interfaced directly with clients in many roles providing insightful project and QA-related guidance.
- Partnered with DevOps teams in internal stress-testing resource optimization effort, saving tens of thousands of dollars per month in decreased resource utilization costs across the company.

PROJECTS

Google Real Estate and Workplace Services (REWS)

- Coordinated a team of four QA engineers, orchestrating manual, regression, and automated testing activities for a key client across simultaneous monthly and quarterly release cycles.
- Developed an automated testing suite running in a Dockerized environment, reducing regression testing time by 40%.

Professional Golfers' Association of America (PGA)

- Conducted load testing for the PGA Championship and Ryder Cup events, simulating front-end traffic and back-end server loads using JMeter to evaluate system performance ensuring zero downtime for golf's most high-profile weekends.

Associated Press News

- Led a team of five QA engineers, guiding the project to release within an expedited 3-month timeline (originally planned for 6 months), overseeing comprehensive end-to-end, load, and accessibility testing to ensure high-quality product delivery.
- Orchestrated large-scale load testing for the 2024 election cycle, simulating millions of global users and multiple fail-over scenarios. Identified and optimized improper cache-control header usage, enhancing site performance, reducing server resource consumption, and ensuring 99% uptime during the election period while mitigating risks from malicious threats.

EDUCATION

2016 - 2020

B.S. Information Systems, Minor in Entrepreneurship, University of Maryland, Baltimore County (UMBC)

EXTRACURRICULAR HIGHLIGHTS

UMBC Varsity Men's Soccer (2016 - 2020)

Guilford Park High School, Boys Soccer Varsity Assistant Coach (2023 - Present)