

SCOTT KAVANAGH

Triangle Area – North Carolina, USA

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Summary

Experienced and enthusiastic engineer with strengths in depth testing, performance testing, and automation. Commended for success in development, quality, operations and technical support efforts involving a wide range of technologies.

Technologies

Development Areas and Tools

- GO, JavaScript, Java, C#, Python, Perl, Ruby, PHP, SQL, Ansible
- Git, Jira, Confluence, Rally, Teamtrack, Test Director, XPlanner, Perforce
- Jmeter, Drone, Jenkins, RunDeck
- DataDog, NewRelic, Librato
- GoDog – Go, Cucumber – Cypress, Appium, Cucumber – Ruby, Behave – Python
- BrowserStack, DeviceAnywhere, Perfecto Mobile, Wireshark, SolarWinds

Development and Test Environments

- GCP, AWS Cloud Computing, Docker Containers, Windows workstation and server class OS, Linux (Ubuntu, CentOS), VMWare

Server Applications

- Apache, Postgres, MS-SQL, Redis, Kafka, Elasticsearch, JBOSS, Tomcat, IIS

Networking Specific Hardware

- Avaya, Cisco, Ixia, Smartbits

Work Experience

Google Cloud (formerly Mandiant) – Staff Test Engineer

Sep 2022 – Nov 2024

- Developed and maintained acceptance API tests for Google SecOps - Mandiant Threat Intelligence API under Google CI latchkey best practices.
- Performed readiness, load and regression testing for product migration from AWS to GCP as well as multiple code base consolidation rewrites.
- Developed customer facing migration guidance documentation for moving to the VirusTotal API ahead of planned 2025 EOY Mandiant Threat Intelligence API deprecation.
- Implemented Google best practices for team documentation, multi country on-call processes and Google product compliance readiness.

Validic – QA Manager

Jul 2021 – Aug 2022

- Lead team of test engineers focused on automation for Web UI and Mobile Application (iOS, Android).
- Continue to be an individual contributor primarily on the Web UI automation.

Validic – QA Engineer

Dec 2018 – Jun 2021

- Initial test resource for in-sourced web based / micro service supported, remote patient monitoring solution.
- Developed suite of end to end UI tests covering all functional errors, executed in headless test environment.
- Coordinate with dev, po and customer support on test coverage, blocking issues and customer reported issues.
- Prototyped mobile application automation suite using Appium with Cucumber.

Valassis Digital – Software Engineer

Jul 2016 – Nov 2018

- Responsible for new feature work, bug fixes and releasing legacy internal web forms based ad ops UI portal.
- Assist with maintaining and adding acceptance / end to end UI protractor tests for modernized ad ops angular / react based web application.
- Perform load testing for team owned UI web apps.

Valassis Digital (formerly Maxpoint) - Senior QA Engineer

Nov 2014 – Jun 2016

- Functioned as engineer and scrum master for Ad Control & Config team planning, retrospective and stand-ups
- Completed performance testing for ad exchange facing application servers (bidders) at high scale QPS.
- Performed new feature acceptance testing and regression across product areas owned by team.
- Worked with other QA engineers and Developers on test framework automation objectives.

Appia - Performance Engineer / Senior QA Engineer (3/4 time) Aug 2011 – Oct 2014

- Executed, maintained and developed performance tests for product releases.
- Worked with DevOps and development to resolve identified performance issues.
- Designed and executed scalability tests mimicking projected production loads and chaos scenarios.
- Assisted with QA feature testing and automated acceptance tests.
- Performed initial candidate screening and participated in interview process for QA openings.

Appia (formerly PocketGear) - Senior QA Engineer / QA Manager Sep 2010 – Jun 2011

- Managed local and remote teams, focusing on the white-label app store and advertisement platform.
- Directed in-market testing resources and utilized cloud-based device testing solution for carrier-specific integration challenges and app store testing.
- Participated in weekly demos for development sprints and QA competency.
- Contributed in daily and weekly project status meetings, reporting on progress, difficulties and paths forward
- Expanded load testing suites for new and legacy environments.
- Incorporated requirements, use cases and configurations per project in a team wide document template with extractable test cases.

Attachmate (formerly NetIQ) - Staff Engineer, Quality Engineering (1/2 time) Jan 2008 – Aug 2010

- Functioned as quality lead for the Avaya Communications Manager VoIP monitoring product during a new customer adoption period. Involved in many customer reported issues, in house reproduction and quick turnaround solutions using simulated environments and scripting.
- Project lead for a 1.0 road map product release. Directed two QE engineers and was responsible for user story development, test case implementation (manual and automated), documentation foundations and milestone deliverables for a loosely specified Agile project with a wide platform and application support requirement.
- Worked with development to deliver customer fixes and diagnostic deliverables for escalated issues.

NetIQ (formerly Ganymede) - Staff Engineer, Quality Engineering Jan 2002 – Aug 2007

- Project lead and primary developer for a self sufficient internal test automation framework.
- Team lead for new and existing NetIQ AppManager components and Tier-A application modules. Duties included design specification review, project planning, test plan development and test automation.
- Responsible for weekly stand up status reporting based upon PMP milestones and deliverables.
- Facilitated information exchange and provide leadership with international Quality Engineering and Development teams.
- Integrated development product builds and integration tests into test automation framework yielding one click sanitized builds.
- Provided test automation solutions to Development and Quality Engineering groups for a wide range of applications.
- Leveraged hard disk imaging and VMWare technologies to create test environments for distributed testing.

Ganymede - Engineer, Quality Engineering Nov 1998 – Dec 2001

- Technical test lead on projects involving test execution for complex customer environments.
- Test lead for joint integration testing with third-party products.
- Development contact for support regarding technical customer problems in areas of expertise.

Seer Technologies - Senior QA Analyst Jan 1997 – Mar 1998

- Responsible for analyzing the Middleware API "NetEssential" including functionality, stress and sanity testing.
- Developed and maintained applications and test plans used in evaluating the overall quality of the designated release.
- Acted as a mentor and project leader for QA-wide automation efforts and guided development groups in utilizing simple automation routines to improve product quality prior to Development to QA handoff.

Seer Technologies – QA Analyst Jul 1995 – Dec 1996

- Designed and implemented a automation testing suite using Segue's Silk Test suite for the Seer*HPS product.

Education

University of Pittsburgh (Computer Science)

January 93 - April 95

Community College of Allegheny County

January 90 - December 92