

SPENCER HORN

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PROJECT HIGHLIGHTS

Named Pod Champion (Salesloft)

Shortly after joining Salesloft the company established a mandate that every Quality Assurance Engineer would need to learn and contribute to test automation. Became a valuable asset in assisting not only the QAE's to achieve this goal, but the company as well.

Named Pod Champion with responsibilities expanding across various teams. Assisted QAE's to better understand test automation and tasked with understanding and learning how other teams surface areas and ultimately writing automated tests for these teams.

Established Comprehensive Quality Assurance Program (DaVinci)

DaVinci's development organization had zero infrastructure personnel, infrastructure, automated tests, or testing processes. Engineers had to spend valuable time in debugging and testing their solutions, which slowed development timelines and delayed release schedules.

In three years, designed and stood up a formal QA process with a full suite of test plans, test cases, and logging requirements. Built an entirely new automation suite from the ground up using RSpec, Watir, and Cucumber that integrates with Jenkins and Sauce Labs for cross-browser and resolution device testing.

At time of exit, the DaVinci QA team had 100+ automated tests for front-end codebases.

SOFTWARE DEVELOPMENT ENGINEER IN TEST with 17+ years of well-rounded expertise in both automated and manual quality assurance supporting rapid software development and iteration efforts in volatile start-up environments. Known as a Swiss Army knife engineer with prior success contributing to virtually every stage of the software lifecycle, product roadmap, and pipeline. Background as a full-stack web developer, system administrator, and project manager. Preference for remote roles.

PROFESSIONAL EXPERIENCE

SALESLOFT, Atlanta, GA | Software Development Engineer in Test, 10/2022 to 9/2024

Authored, maintained and contributed automated UI and API tests to a high-quality playwright codebase. Salesloft, a leading sales engagement platform, helps sales teams guide customers towards the best outcomes.

- Translated manual UI tests out of a complex and vague test library housed in Practitest to fully functional automated UI tests
- Worked in parallel with developers to have E2E UI and API tests prepared in sync for production
- Authored E2E API tests using API documentation in conjunction with manually reverse engineering API calls through the browser
- Acted as Pod Champion providing cross team, pod wide test automation support to Quality Assurance Engineers as well as dev teams without QAE's on their team
- Technologies: Playwright, Typescript, Javascript, Github Actions

DAVINCI EDUCATION, Durham, NC | Automation Engineer, 09/2019 to 08/2022

Achieved and maintained a consistently high quality of code in all solutions. DaVinci's flagship product (Leo) is the premier enterprise software platform for healthcare education.

- Developed hundreds of front-end automated code tests, preventing thousands of bugs from escaping into the production pipeline and increasing the overall quality of released code
- Audited the Leo application and made changes to meet WCAG 2.1 accessibility requirements
- Freed developers' time to focus on writing new code without troubleshooting issues
- Engaged directly with customers to assess server capacity and upgrade eligibility, then coordinated all aspects of the upgrade
- Technologies: Cucumber, Selenium, RSpec, Watir

FIBONACCI SOLUTIONS, Raleigh, NC | Lead Quality Engineer, 12/2018 to 09/2019

Designed and implemented test strategy for a large, blockchain-based application. Fibonacci offers software product development solutions that help companies create and commercialize mobility solutions, cloud services, and other next-generation products.

- Provided application testing services to Thair (a silver bullion-supported proof-of-work cryptocurrency company) during their fundraising stage
- Tested four applications using both manual and automated test approaches
- Assisted design personnel with UI/UX design and proof-of-concept of new, tokenized supply chain applications
- Developed repeatable QA processes from the ground up, including test plans, QA SOPs, test cases, and automated test cases
- Technologies: Python, PyTest, Jira, Adobe Suite, Sketch

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ENGINEERING STRENGTHS

Software Test Planning, Triage, Requirements Analysis, Design Reviews, Root Cause Analysis, and Documentation

Software Development Lifecycle for Enterprise Software, Microservices, Web Applications, SaaS Solutions, and Cloud Native Applications in Continuous Delivery Model

Continuous Process Improvement and Process Automation for Efficiency, Transparency, Effort Reduction, and Productivity

Functional, Performance, Usability, Verification and Validation, Load, Security, and Regression Testing

Translating Highly Complex Technical Information and Data for Business Stakeholders, Vendors, Clients, and End Users

Creation of New Metrics, KPIs, OKRs, Data Sources, and Dashboards

Building, Motivating, and Mentoring High-Performing Engineering Teams

Risk Assessment and Regulatory Compliance with Quality Best Practices and Technical Requirements

TECHNICAL EXPERTISE

Development Tools: Xcode Cloud, Android Studio, Docker, Heroku, Sauce Labs, Appium, Visual Studio, vCenter, Jenkins, Lab Manager, Gitlab CI, Vagrant

Testing & QA Packages: Selenium, Watir, RSpec, k6, Cucumber, Capybara

DevOps: Ansible, Kubernetes

UI/UX: Adobe Photoshop, Sketch

Project Management: Trello, Slack, Jira, Confluence, Basecamp, InVision

Languages: JavaScript, Node.js, Ruby on Rails, Pry, Python, SQL, Swift, CSS, HTML

SDLC Methodologies: Agile, Scrum, Kanban, Lean, CI/CD

Operating Systems: MacOSX, Linux, Windows, AIX

PROFESSIONAL EXPERIENCE, cont.

UNSPECIFIED, LLC, Durham, NC | Co-Founder and Lead Quality Engineer, 06/2017 to 12/2018

Established and scaled a consulting firm that assists enterprise companies with developing modern software development, testing, and delivery practices using “container-as-build-steps” automation strategy to achieve security, availability, and auditability.

- With the other two founders, assisted in the development of a digital wallet that could hold not only cryptocurrencies, but also any digital asset
- Actively pursued new business opportunities by engaging in the greater tech community
- Wrote/executed manual and automated test cases and developed white papers
- Using a homegrown cryptocurrency, supported full-scope design and testing on the Emblem wallet application
- Created business development documents to track potential clients and current projects
- Mentored and onboarded three employees

IBM WATSON HEALTH, Research Triangle Park, NC | Test Automation Engineer, 02/2017 to 06/2017

In a four-person team, converted 45 manual regression suite test cases to automated tests, then executed tests for monthly production builds. Supported a product called eClinicalOS, which was an application for dispensing medication to healthcare workers in the medical field.

SMASHING BOXES, Durham, NC | Lead Quality Engineer, 03/2015 to 02/2017

Leading a four-person QA team, developed and executed plans to implement automated test across all platforms, operating systems, and web applications. Smashing Boxes is a design-centered software product development firm primarily serving the healthcare, blockchain, and IoT markets.

- Led an initiative to adopt automation best practices from scratch, including choosing frameworks and defining which projects would be automated
- Advocated for investments to improve reporting capabilities and defect report insights
- Standardized the company’s QA process, which reduced spin-up time for QA artifacts when beginning new projects
- Technology: Cucumber, Appium, Ruby, RSpec, Git, Jira, Google Docs

ALLSCRIPTS, Durham, NC

Earned four performance-based promotions in 10-year tenure, taking an increasingly active role in development of Allscripts’s most innovative and profitable technical solutions. Won the CLEAR Award (2007, 2010, 2011), SPOT Award (2009, 2010), and Employee of the Month Award (June 2012).

Quality Engineer, 08/2012 to 03/2015

Associate Project Manager and Offshore Trainer, 06/2012 to 08/2012

Senior Technical Consultant, 07/2011 to 06/2012

Senior Technical Consultant and Offshore Team Lead, 05/2011 to 07/2011

Technical Consultant, 02/2005 to 05/2011

EDUCATION & CERTIFICATION

ICAgile Certified Professional (ICP-ACC), ICAgile

One Year of Coursework in Computer Science, Durham Technical Community College, Durham, NC