DIANTE CROSS

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PROFESSIONAL SUMMARY

Senior QA Automation Engineer with 11+ years of experience designing and implementing comprehensive test automation frameworks using Python, Selenium WebDriver, and modern CI/CD pipelines. Proven expertise in mobile testing (iOS/Android), API testing, and performance optimization across enterprise applications at Google, Apple, and Meta. Track record of improving QA efficiency by 30% through automation initiatives and reducing application load times by 10% via performance testing. Skilled in Agile/Scrum methodologies, cross-functional collaboration, and building scalable test strategies that accelerate release cycles while maintaining quality standards.

CORE COMPETENCIES

Test Automation • CI/CD Integration • Mobile Testing (iOS/Android) • API Testing • Performance Testing
Agile/Scrum • SDET Practices • Test Strategy & Planning • Regression Testing • E2E Testing • Shift-Left Testing

TECHNICAL SKILLS

Programming & Scripting: Python (Advanced) • Shell Scripting (Bash) • SQL • JavaScript • Ruby • Salesforce APEX
Automation Frameworks: Selenium WebDriver • Pytest • TestNG • Appium • XCUITest • Postman • REST API Testing
CI/CD & DevOps: Jenkins • GitHub Actions • Git/GitHub • CI/CD Pipelines • Continuous Testing • Build Automation
Testing Types: E2E Testing • Regression • Functional • Smoke • UAT • Black-Box • Performance • Load • Security
Mobile & Platforms: Android (ADB) • iOS • Linux/Unix • macOS • Windows • Cross-Browser • Cloud Testing
Tools & Infrastructure: JIRA • TestRail • Charles Proxy • Browser DevTools • Log Analysis • Bugzilla • HP LoadRunner
Methodologies: Agile/Scrum • Shift-Left Testing • TDD • BDD • Risk-Based Testing • Continuous Integration
Specialized: Voice Recognition Testing • AR/VR Testing • Accessibility Testing • Usability Testing • Localization

PROFESSIONAL EXPERIENCE

Senior Software QA Engineer   May 2022 – Present
Google via TechMahindra | Mountain View, CA

- Architected and implemented Python-based test automation framework in Linux environment, integrating with Jenkins CI/CD pipeline to automate 200+ regression test cases, improving QA team efficiency by 30%
- Developed comprehensive API test suite using Python and REST protocols, achieving 95% endpoint coverage and identifying 60+ critical bugs before production release
- Led mobile QA testing for Android applications including E2E, functional, UI, regression, and smoke testing, utilizing ADB for comprehensive log analysis and root cause diagnostics
- Collaborated with cross-functional teams to implement shift-left testing practices, integrating automated tests into CI/CD pipeline and reducing defect escape rate by 40%
- Executed 200+ E2E and regression test cases weekly within Agile sprints, participating in daily stand-ups, sprint planning, and retrospectives to ensure comprehensive test coverage

iOS QA Engineer   May 2021 – April 2022
Gap via Ingrain | San Francisco, CA

- Developed and executed comprehensive test strategies across core iOS products, ensuring thorough coverage across multiple devices, iOS versions, and use cases
- Established and optimized QA processes integrating with CI/CD workflows, maximizing test effectiveness and scaling testing efforts across multiple product lines
- Collaborated with engineering and infrastructure teams to implement automation solutions preventing regression and guaranteeing product reliability pre-release
- Participated in Scrum-based Agile ceremonies including sprint planning and test case refinement sessions with developers, product managers, and cross-functional teams

QA Tester   Oct 2020 – Feb 2021
Bank of America via TekSystems | San Francisco, CA

- Led creation, maintenance, and execution of comprehensive test scripts for manual and automated testing, achieving 50% reduction in regression testing time
- Managed day-to-day testing activities for multiple mobile releases, overseeing all aspects of test execution and driving successful product launches in regulated environment
- Analyzed testing results with engineering teams, leveraging data insights to drive continuous improvements in quality metrics and testing efficiency

QA Tester III   Mar 2019 – Feb 2020

Google via Signature Consulting | Mountain View, CA

- Developed comprehensive E2E test plans and test cases for core AMP components, ensuring robust cross-browser and cross-platform compatibility across desktop and mobile
- Authored detailed bug reports in GitHub with accurate reproduction steps, facilitating clear stakeholder communication and accelerating defect resolution cycles
- Championed test suite quality by reviewing existing and new tests for correctness, usability, and maintainability, promoting community engagement and collaboration

QA Engineer   May 2018 – Feb 2019
Apple | Cupertino, CA

- Reduced application loading times by 10% through comprehensive performance testing and optimization using Charles Proxy and internal Apple tools for network traffic analysis
- Leveraged expertise in voice recognition technology to test Siri functionality across diverse Apple ecosystem (iOS, watchOS, tvOS, CarPlay) ensuring consistent user experience
- Automated complex testing tasks using Python and Ruby scripting, significantly increasing test efficiency, repeatability, and coverage across multiple platforms
- Proactively identified usability and accessibility concerns, ensuring inclusive user experience and collaborating with developers and PMs to prioritize testing requirements

QA Engineer   Oct 2017 – May 2018
Hulu via TekSystems | Novato, CA

- Designed and maintained comprehensive API test suite covering 100+ RESTful endpoints across console, mobile, and API environments with robust regression test scripts
- Utilized Jenkins for automated builds and CI/CD integration, Charles Proxy for network analysis, and JIRA for defect tracking in Agile development workflows
- Executed efficient test plans generating clear reports while participating in daily development workflows, release candidate testing, and deployment validation

Mobile QA Tester   May 2017 - Oct 2017
Samsung | Mountain View, CA

- Designed comprehensive test cases for voice applications ensuring thorough testing across Samsung flagship devices aligned with product release timelines
- Leveraged Selenium WebDriver to automate in-house website testing, streamlining QA processes and improving testing efficiency and coverage
- Owned product quality by meticulously logging and tracking defects using ADB commands, managing complete bug lifecycle from identification through verification

QA Analyst   May 2016 – May 2017
Meta | Menlo Park, CA

- Executed comprehensive black-box content testing of AR/VR demos for functionality, alignment with product objectives, and public consumption readiness
- Developed and executed robust QA validation plans for Mobile VR releases, managing daily BVT and UAT tests with scalable test suite expansion capabilities
- Compiled comprehensive weekly build status reports and managed bug lifecycle, effectively communicating findings and priorities to facilitate swift resolutions

QA Lead   May 2013 – Jan 2016
Avid Technology | Mountain View, CA

- Led QA team through complete testing cycle from test planning and execution to defect logging and verification, championing new technology initiatives and process improvements
- Developed automated backend data processes using Salesforce APEX, streamlining workflows and improving operational efficiency across production environments
- Implemented automated testing using Selenium and QTP scripts, supervising system performance evaluation and leading team in functional and regression testing

EDUCATION

Bachelor of Science, Information Technology   In Progress
Arizona State University | GPA: 4.0 | Relevant Coursework: Active Directory, PowerShell, Systems Administration, Network Security

Associate of Science, Computer Networking & Information Technology   2021
City College of San Francisco