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EXECUTIVE SUMMARY
SDET| SOFTWARE DEVELOPMENT ENGINEER IN TEST | SR. QUALITY ASSURANCE AUTOMATION ENGINEER

Backed by strong credentials including 13 years of solid QA experience and Master's in Engineering Technology, advanced command of various testing suites, agile methodologies, and programming experience. Detail-oriented and experienced SDET with hands-on automation and performance End-to-End testing for Mobile, API, Extention, Web, and Desktop Applications. Displaying vast expertise in the design and integration of testing Frameworks into CI/CD pipelines and PRs. Possessing expertise across all phases of the software development lifecycle from requirements gathering through to implementation, support, and enhancement. Skilled in applying testing methodologies, strategies, and developing test plans to meet QA goals. Proactively examines existing processes and leverages enterprise or open-source tools and applications to optimize and improve test automation.

CORE COMPETENCIES

- End-to-End Testing
- Cucumber, Gherkin, Behave
- UI expertise Appium, Selenium, Playwright, and Puppeteer, VRT
- API Testing Automation, OpenDiffy
- CI/CD Integration, DevOps, Jenkins, GitHub Actions, CircleCI, Harness

- Performance, Load Testing
- SQL & NoSQL Testing
- Code review
- White-box Testing
- Docker, Kubernetes
- Visual Regression Testing
- Microservices Testing

- TDD, BDD & ATDD
- Python, JS Programming
- Jenkins pipelines, Bash
- Automation from scratch
- Frontend - Backend Testing
- Optimization for Unit, Functional, Integration Tests

- Test Plan and Test Strategies
- SDLC (Agile, Kanban, Waterfall)
- Smoke, Regression Testing
- Extreme Programming & Scrum
- Rapid Development
- Testing Framework Architecture
- Cross-Functional Collaboration

PROFESSIONAL EXPERIENCE

Sr. QA Automation Engineer   **Apr 2021- present**
Qwiet.ai, Inc. | Remote

- Validating security testing solutions to finding vulnerabilities in a code by analyzing code property graphs.
- Integrating Open Duffy service for testing environmental API differences.
- Designing VRT tests and automatic Bitmaps updates.
- Using Jest for for Unit tests for Frontend React
- Improving SDLC by integrating automation scripts into Dev's PR and setting up Jenkins Testing Jobs.
- Contributing to existing selenium UI testing framework by optimization, extension, and scaling.
- Updating Front End (React) for Visual regression and Selenium tests by adding new locators and attributes.
- Developing microservices testing strategies using Component and Contract testing.
- Migrating CircleCI and Jenkins UI, API, VRT, and CLI tests over GitHub Actions.
- Searching for vulnerabilities in the code base for Java, Python, Javascript, CSharp, Typescript, Kotlin, and Terraform.
- Boosting Automation coverage by integrating custom Python reading stdout scripts for testing CLI tools.
- Developing and testing Visual studio code plugins by using JS.
- Integration Pact workflows (contracts) for GO and Python-based microservices.
- Performing load testing using K6
- Integration performance acceptance tests using Lighthouse
- Detecting vulnerabilities in Docker images and open OSS packages.
- Testing SaaS, AI platforms, Chatgpt Integrations, and various CLI tools.

Sr. QA Automation Engineer   **Oct.2019 – Apr 2021**
Slickdeals, LLC | Las Vegas, NV - Remote

- Ownership and Leading of Automation Testing for Extension, iOS, Android, Web, API, Frontend, and Backend applications.
- Integrated Visual Regression Tests with BackstopJS into CI/CD pipelines.
- Developed self-healing UI Cucumber Tests for Selenium and Appium using Healenium.
- Designing an Automation Framework for API Testing (microservices, Azure, AWS, internal tools).
- Designed Appium based Test Framework for Android and iOS platforms.
- Adapted existing Android and iOS apps for Automation Testing.
- Added Accessibility locators to Android and iOS native applications using Java and Swift.
- Built Local in-House Farms for Testing Android and iOS devices.
- Migrated Mobile Local Testing Farms to the Cloud using Kobiton.
- Assisted DevOps team with integrating Testing Frameworks into Jenkins PR pipelines using Docker, and Kubernetes.
- Mentored and supporting multiple teams and manual QA engineers in creating Automated Tests.
- Integrated Behavior Driven Development Frameworks into Software Development Life Cycle.
- Designed advanced reporting systems using Allure Visualisation, and TMFJ Adaptavist.
- Integrated Canary releases (Blue-green deployment) and A/B tests.
- Created Puppeteer tests for Chrome extensions.

Software QA Engineer   Sept. 2018 – Oct.2019

Transact Tech Inc. | Las Vegas, NV
- Created the Automation Testing Framework for Database Driven Systems.
- Integrated computer vision tests by using the OpenCV library.
- Performed Backend Performance and Load Testing, defining bottlenecks and API scalability using Jmeter.
- Planned, designed, executed, and evaluated Frontend performance by using Lighthouse.
- Created Jira cloud plugin for the visualization of test results.
- Developed Appium Test Framework for testing IOS and Android devices.

QA Automation Engineer   Feb. 2017 – Sept. 2018

Holiday Systems International | Las Vegas, NV
- Designed & Integrated Automation Web Testing Framework by using Python, Web Scraping Tools, and PyQt4.
- Provided End to End Testing Automation scripts for large E-Commerce applications.
- Proficient in white-box testing and code review for Web and API applications based on Django, and Flask Frameworks.
- Performed analysis of the system design, specifications, and developed test plans for Automation Testing.
- Organized weekly meetings with the Onsite manager regarding the Automation status.
- Maintained Automated Scripts and troubleshot issues for each Site Release, Feature, and Small Enhancement Project.
- Integrated execution of the Automated UI and API Test scripts into the Continuous Integration process using Jenkins and Docker.
- Managed Git Branches and used GitHub as central Repository for Automated Test scripts.
- Trained QA Test Analysts in creating and executing BDD scripts through Gherkin (Cucumber) feature files.
- Worked in an Agile project environment including stand-ups, backlog, estimation, iteration planning, and retro meetings.

QA Automation Engineer   Sept. 2011 - Feb. 2017

CATE| Russia
- Reproduced and debugged issues reported from the field and provided customized scripts for testing.
- Involved in QA documentation (Test Plan, Scenarios, Peer Reviews).
- Founder of Automation Testing culture in the company.
- Designed and managed Automated Python Testing projects for functional, integration, acceptance, performance, and regression testing of enterprise client/server and web-based projects.
- Participated in the hiring process for Automation and Manual QA Engineers.
- Converted manual functional and regression scripts to keyword data-driven for automated scripts.
- Ensured the quality of the software products in accordance with the company's policy requirements and specifications.

EDUCATION

- **Astrakhan State Technical University, Russia**   Sept. 2012 – Jul. 2014
  Master of Engineering Technology: **Major:** Automation and Control
- **Astrakhan State Technical University, Russia**   Sept. 2008 – Jul. 2012
  Bachelor of Engineering Technology: **Major:** Automation and Control

TECHNICAL PROFICIENCIES

- **Testing Tools/Automation Software:** Selenium WebDriver, Selenium Grid, Appium, Expresso, Adaptavist, Unittest, Pytest, Docker, Allure, Postman, Katalon Studio, SilkTest, TestRail, BlazeMeter, Telerik, Shiftleft, QTP, BackstopJS, OpenCV, Percy, Pact, Newman, Browserstack, Kobiton, Ansible, Testim, Playwright, Puppeteer, Robot framework, PyTorch, Zephyr, Cucumber, Behave
- **CI/CD:** TFS, Jenkins, Heroku pipeline, Circlci, Harness, GitHub Actions
- **Issue tracking & Product development:** Jira, TFS, Confluence, Trello, Notion
- **Platforms:** UNIX/LINUX, Windows, macOS
- **Load/Performance Testing:** JMeter, Blazemeter, K6
- **Databases: NoSQL**: MongoDB; **SQL**: SQLlite, MySQL, Microsoft SQL Server, phpMyAdmin, Google bigquery, postgresql
- **Cloud:** DigitalOcean, Linode, Asure, AWS
- **Programming:** Python, Java, Javascript, Django, FastAPI, Pip, Node, Maven, Gradle, Apache Ant, Npm, Flask, SQL, HTML, XML, JSON, API, Cucumber, Gherkin, Web Scraping, Bash, Shell, Git
- **Other tools:** Ngnix, RabbitMQ

SCIENTIFIC ACCOMPLISHMENTS

- Developed device for controlling of down-hole parameters and drilling process 2016
- "Downhole commutator on jet units" **Patent** of the Russian Federation 2015
- "Device for measuring the temperature of the drilling mud" **Patent** of the Russian Federation 2014
- **Publication** in the journal of an international scientific and technical conference in Astrakhan State Technical University VAK (Higher Attestation Commission) Vesnik ASTU "Device for measuring the temperature of the drilling mud".
- Winner of the "Automation and Control Distributed Systems" at the International Scientific conference in Astrakhan State Technical University 2012

REFERENCES

Available upon request