SANDEEP KUMAR SALDAPUR

Lead Automation Engineer

CONTACT

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CORE COMPETENCIES

- Framework Development (POM, BDD) ●●●
- Leadership and Team Management ●●●
- Data Structures and Algorithms ●●●
- Test Automation/ Metrics Management ●●●
- Requirement Gathering & Analysis ●●●
- Bug Tracking and Resolution ●●●
- Quality Assurance Metrics ●●●
- Software Testing Automation Lifecycle ●●●
- Framework Development ●●●
- Testing Artificial Intelligence/ Machine Learning Applications ●●●
- Mentorship and Training ●●●
- Stakeholder Relationship Management ●●●
- Test Strategy, QA Metrics and Agile ●●●
- CI/CD and DevOps Integration ●●●
- Model Validation and Testing ●●●
- Software Testing and Validation ●●●
- Cross-functional Collaboration ●●●

CERTIFICATIONS

- Introduction to Machine Learning Models (AI-ML Testing) – Udemy 2024
- Selenium WebDriver with Java-Basics to Advanced+Frameworks – Udemy 2024
- Introduction to AI pair programming, Gen AI for Quality Engineers - Udemy 2024
- Certified Tester Foundation Level - ISTQB
- Appium Mobile Testing (Android/ iOS) - Udemy 2024
- Prompt Engineering -One Million Prompter

SOFT SKILLS

- Progressive Leadership
- Effective
- Communication
- Change Agent
- Problem-solving
- Result-oriented
- Analytical Thinking

EDUCATION

2010: Bachelor of Information Science | Appa Institute of Engineering and Technology, Gulbarga, Karnataka, India

ABOUT ME

Technology and business visionary professional with over 12 years of experience in developing and implementing robust automated testing frameworks, **seeking a lead position** in the Middle East. Eager to leverage my expertise in automation tools and CI/CD practices to drive quality assurance initiatives, enhance team performance, and deliver innovative solutions that align with organizational goals in a fast-paced, technology-driven environment. Certified in Prompt Engineering for AI systems. Open to opportunities across the UAE and GCC markets.

PROFILE SUMMARY

- **Strategic Automation Leadership:** Possessing over 12 years of experience in software testing and automation, specializing in both web and mobile applications, with a strong commitment to delivering high-quality products.
- **Data-Driven Quality & Performance Metrics** – Established QA dashboards and key performance indicators (KPIs) to measure automation ROI, defect density, and test coverage, enabling data-driven decision-making for process improvements.
- **People & Process Management -** Proven ability to build, mentor, and lead high-performing automation teams, fostering a culture of collaboration, innovation, and continuous improvement, resulting in high morale and low attrition.
- **Expert in industry-leading tools** such as Selenium, Appium, and Playwright, with a proven track record of enhancing testing efficiency and reducing time-to-market.
- **Automation ROI & Optimization** – Successfully implemented cost-effective automation frameworks that reduced test execution time by 60%+ and cut manual efforts by over 70%, directly contributing to faster release cycles and improved software quality.
- **Successfully developed automation frameworks** such as BDD, POM and Hybrid Automation Frameworks using Selenium, Appium and Playwright and CI Integration with Jenkins.
- **Skilled in developing and executing comprehensive test strategies** to ensure quality and performance across software applications, aligning testing processes with project requirements and industry best practices, while identifying risks and optimizing resource allocation for efficient test execution.
- **Accelerating Test Efficiency through CI/CD** – Integrated automated test suites into DevOps pipelines, reducing regression cycle time and ensuring seamless software releases with enhanced quality.
- **AI & Next-Gen Testing Expertise** – Hands-on experience in AI-powered test automation**,** including validating machine learning models**,** ensuring algorithm accuracy**,** and leveraging AI agents like **Browser-Use** to automate test execution, increasing efficiency.

TECHNICAL SKILLS

Automation Tools:	Selenium, Appium and, Playwright
CI/CD Tools:	Jenkins, Docker, GIT and AWS
Version Control:	Git
Testing Types:	AI-ML Models, Functional and Regression
Mobile Testing:	Appium
Test Management:	JIRA, TestNG, Maven, Postman
Programming Language:	Java, JavaScript, TypeScript
Cloud Testing:	Sauce Labs, LambdaTest and Perfecto Tool
AI Agent:	Browser-Use

WORK EXPERIENCE

Jun'19- Dec'24 **| Lead Automation Engineer | Qualitest Group, Bangalore, India**

Key Result Areas:
- **Enterprise Test Automation Leadership:** Led automation strategy and execution for BlueYonder SCPO and APNews.com, ensuring seamless test automation for web and mobile applications.
- **Content Automation Initiatives:** Automated content creation and publishing processes using Brightspot CMS, streaming workflows and ensuring higher accuracy in content management.
- **Enhancing Test Frameworks:** Improved test execution times by 70% by developed an automation framework based on the POM model with TestNG and Maven, significantly optimizing the overall testing process.
- **Automation ROI and Business Impact:** Delivered measurable ROI by reducing defect rates by more than 25% in production, improving release stability and increasing overall automation efficiency.
- **Mobile Application Quality Assurance:** Spearheaded Appium based automation for Atom Bank, UK, leading to enhanced test strategies, reliability and user experience.
- **CI/CD and Devops Integration:** Optimized CI/CD pipelines by integrating automated test suites, reducing test execution times by 30% and ensuring rapid, high quality release.
- **Stakeholder Communication and Reporting:** Acted as the primary liaison between QA, development and business teams, providing real-time insights defect trends and quality metric for informed decision-making.

Title:	**Onshore Experience**	Automation Test Engineer
Location:	Phoenix and Durham, UK (Client Office)	

Key Result Areas:
- **Cross-Functional Collaboration:** Collaborated effectively with cross-functional teams to develop and refine automation framework.
- **Knowledge Transfer Leadership:** Conducted knowledge transfer sessions for offshore teams, ensuring smooth offshore transitions.
- **Cultural Adaptation and Team Synergy:** Adapted to diverse time zones and cultural sensitivities, ultimately fostering a more cohesive working environment.

Jan'17- Jun'19 **| Senior Project Engineer | Wipro Technologies, Bangalore, India**

Key Result Areas:
- **Agile Project Management:** Implemented the Scrum framework to streamline project workflows, resulting in reduced project completion times and enabling the team to consistently meet tight deadlines while delivering high-quality automation solutions.
- **Continuous Integration/Continuous Deployment (CI/CD):** Developed and configured CI/CD pipelines for executing automated scripts, facilitated efficient reporting to stakeholders and ensuring timely feedback on testing progress and results.
- **Mobile Application Automation:** Automated testing scenarios for mobile applications associated with major clients, including Lloyds Bank, Halifax Bank, and BOS Bank, ensuring robust testing coverage and enhancing overall application quality by 40%.
- **Cloud-Based Testing Execution:** Scheduled and executed comprehensive testing on real devices within cloud platforms using the Perfecto tool, improving testing efficiency by 30% and allowing for real-time results across various mobile environments.

PREVIOUS EXPERIENCE

Jan'15- Jan'17 **| Associate – Projects | Cognizant Technology Solutions**, **Chennai, India**

Key Result Areas:
- **Automated Insurance app –** Developed and implemented test automation for QNXT (US based insurance app) using UFT, enhancing testing efficiency and accuracy.
- **Training and Knowledge Sharing** – Trained the functional testing team on UFT automation, enabling broader adoption of test automation.

Jul'11- Dec'14 **| Associate Professional: Product Developer | DXC Technology, Chennai, India**

Key Result Areas:
- **Nursing Solution Testing –** Conducted functional testing for an early-bird hospital in the Dutch market, ensuring solution stability and compliance with business requirements.
- **Beta testing and Business Scenario** – Acted as a beta tester, executing real-world business scenarios to identify usability, performance and functional gaps before market launch.

PERSONAL DETAILS

Languages Known: English, Hindi, Kannada, Telugu and Tamil