Angajala Shashikumar

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PROFESSIONAL SUMMARY

Software Test Engineer with around 4 years of experience in automation and manual testing of desktop, VR, and web applications. Experienced in Hybrid frameworks using Java, Selenium WebDriver, TestNG, and Maven. Skilled in Page Object Model (POM) and Apache POI for external test data and configuration-based execution. Hands-on with defense and VR simulators built in C#, Unreal Engine (4.2, 5.1), and Reality Engine, emphasizing long-duration stability and immersive interactions. Experienced in InstallShield packaging and Agile delivery with cross-functional teams.

CORE SKILLS

Automation Tools:	Selenium WebDriver, Winnium, TestNG, Maven, SVN
Programming:	Java, SQL
Frameworks:	Hybrid, Data-Driven, Keyword-Driven, Page Object Model (POM)
Test Management:	TFS,JIRA
Testing Types:	Regression, Functional, System, Endurance, Integration, Smoke, UAT
Other Skills:	InstallShield 2014, Batch Scripting, Requirements Analysis, Agile/Scrum

WORK EXPERIENCE

Software Test Engineer, Zen Technologies Ltd (Hyderabad, India)　　　　Nov 2021 – Present

- Executed functional, regression, smoke, sanity, system, and UAT test suites across desktop and VR defense simulator modules with full requirement traceability.

- Built Hybrid automation frameworks using Java, Selenium WebDriver, TestNG, and Maven with POM for readable page objects and maintainable locators.

- Implemented Apache POI for reading Excel/property files to enable configuration-based and reusable test execution.

- Developed and validated MSI installers using InstallShield 2024 and batch scripts; handled fresh installs, upgrades, and on-site troubleshooting.

- Collaborated with CSD, SMEs, Production ARTS, developers, and Scrum teams; logged reproducible defects in JIRA/TFS with evidence and environment notes.

- Conducted client demos and knowledge transfers, including VR walkthroughs, ensuring environment readiness.

PROJECTS

AWeSim Simulator Automation (Desktop)

- Automated UI verification, regression, and long-duration endurance sessions.

- Built a Hybrid framework (Java, Selenium, TestNG) with POM, wait utilities, and externalized test data.

- Used Apache POI for data-driven execution via Excel and configuration files.

- Validated modules in C# and Unreal Engine 4.2; documented stability observations.

DS Simulator Automation (Desktop)

- Automated sanity, functional, and integration test suites.
- Maintained Selenium–Java Hybrid framework with POM for clean test classes and selectors.
- Used Apache POI and configuration files for external test data and runtime parameters.
- Verified builds in Unreal Engine 4.2, Unreal Engine 5.1, and Reality Engine.

Map Reading VR Simulator (VR)

- Executed functional, regression, and endurance testing for a VR Map Reading simulator.
- Verified modules in C# and Unreal Engine 5.1 for interaction responsiveness.
- Ensured smooth VR experience, tracking motion controls and immersive behaviors.
- Logged defects in JIRA/TFS with environment details and reproduction steps.

Funwork Analytics Tool (Web/Desktop)

- Automated analytics tasks including data extraction, Excel consolidation.
- Implemented Java + Selenium WebDriver with Apache POI and JavaMail API for reporting.
- Application built in Java for data retrieval.

CERTIFICATIONS AND TRAINING

2025	Project Management Professional – Coursera
2025	Prompt Engineering for Generative AI – Coursera
2025 (in progress)	ISTQB Foundation Level Certification

ACHIEVEMENTS

2022	Key Contributor Award – recognized for automating simulator test flows and stabilizing long-duration checks
2023	Excellence in QA – acknowledged for consistent defect reproduction, documentation, and cross-team collaboration
2024	Innovation in Automation – credited for reusable POM components and configuration-driven execution
2024	Process Improvement Award – noted for POI-based Excel consolidation to reduce manual reporting

EDUCATION

2015 – 2019	**B.Tech in Electrical and Electronics Engineering**, Mallareddy Institute of Engineering and Technology, JNTUH

ADDITIONAL STRENGTHS

- Strong understanding of software testing and defect life cycles.
- Clear communication and documentation; collaborative team contributor.
- Quick to learn and adopt new tools and frameworks.
- Focus on process improvement, durable test artifacts, and knowledge sharing.