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Visa: H1B – September -2025

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SDET-Software Development Engineer in Test Professional

PROFILE SUMMARY

- **SDET Professional** with **12 years** of experience in **IGaming, Mobile & Internet Applications and Infrastructure management of publishing establishment domain,** good Knowledge and implementation skills in complete **Software Development Life Cycle (SDLC)** and **Software Testing Life cycle (STLC)**
- Experienced in **DevOps** Engineering practices including **Jenkins CI/CD Pipeline Configuration using Groovy**, **Build Automation, Plugin Management, Branching** and **Setting up Master/Slave Configurations**
- **Lead** the **Automation** effort, including **designing**, **developing**, and **maintaining** Automated tests, as well as setting up the **Automation framework** and ensuring its scalability and maintainability
- Developed **QA procedures** and improved **QA management** using defect trend data and root cause analyses.
- Experience in **Functional Automation Testing of GUI (Web, Windows and Infragistics), Non-GUI (Rest API) and Mobile Application Testing for Android, iOS Platforms.**
- Expertise in creating **framework** for **Web Automation** using **Selenium Web Driver, REST API Testing and Automation** using **Postman, Python, PyTest and Behavior-Driven Development (BDD)** using Gherkin.
- Experience in **Performing Testing** using **Gatling** with **Scala**
- Proficient in Creating, Modifying and Maintaining New and Existing Automation Framework Models (**BDD, TDD, Hybrid and Data Driven Frameworks)**
- Proficient in Software Release Engineering using **Version Control** with (**Perforce and Bitbucket**), **Software Packaging**, **CI/CD Pipelines Configuration, Environment** and **Release Management**
- Expertise **in Agile/Scrum methodologies & Waterfall model,** working closely with **cross-functional teams** to identify and prioritize testing requirements, and collaborating with developers to ensure timely resolution of issues.
- Skilled in using **Agile dashboard tools** for creating **real-time project visualizations** to track and **monitor team's performance, progress, and efficiency.**
- Understanding of key performance indicators (**KPIs**) such as **velocity, burn-down chart, cycle time, lead time, team capacity, sprint backlog progress, defect density,** and **sprint success rate**.
- Experience in using defect management tools such as **JIRA**, **HP Quality Centre (QC), Rally** to track and manage defects throughout the software development lifecycle.
- Competency in conducting risk analyses, quality assessments, audits and/or studies and implementing successful process improvement programs, deployed short and long-term Quality Improvement Programs

CORE COMPETENCIES

~ Software Testing	~ Test Plan & Strategy	~ Software Quality Assurance
~ Automation Testing	~ Root Cause Analysis	~ Process Improvement/ Enhancement
~ Project Planning/ Management	~ Team Building & Leadership	~ Client Relationship Management

ORGANIZATIONAL EXPERIENCE

QA Automation Lead Engineer / DevOps Engineer, Pariplay India Private limited, Chennai	**Sep '22 – Till Date**
Senior Testing Engineer / DevOps Engineer, Pariplay India Private limited, Chennai	**Sep'20 – May'22**
Senior Testing Engineer / DevOps Engineer, Scientific Games Corporation, Chennai	**Oct'13 – Aug'20**
Testing Engineer, Lion Bridge Technologies, Chennai	**Jun'11 – Oct'13**

Key Result Areas:

- Manage and Lead the Automation team, including hiring, training, and mentoring team members, as well as setting performance goals and providing feedback
- Oversee the Test execution process, including assigning tasks to team members, reviewing test results, and providing test reports to stakeholders.
- Work closely with the development teams, product owners, and other stakeholders to ensure that the testing effort is aligned with their expectations and that any issues are addressed in a timely manner.
- Driving process improvements and sharing best practices effectively across the organization
- Ensuring efficient use of bug tracking systems and generating detailed test reports that can help Development Teams understand root cause and improve overall quality
- Participating in writing of test cases, test execution, defect reporting and tracking of defects to closure

- Performing Web UI Automation Testing using Python, Java, TestNG, PyTest, Selenium Web Driver
- Managing REST API Automation with Python using PyTest.
- Performing Load Testing using Gatling with Scala
- Led operations entailing Test Design, Test Planning using OTS Solution HP QC (ALM)
- Performing Mobile Application Testing for Android and IOS Platform using Appium
- Managing, improving and monitoring cloud infrastructure on AWS, EC2, S3, and Snapshot backups
- Administering Perforce, Git, GitHub version controls for managing repositories including branching, tagging and user role administration
- Working on Software Release Tracking, Auto Merge, SWARM Code Review and JIRA JOB Enforcement Triggers

EDUCATION

- **Bachelor of Engineering** in **Computer Science and Engineering** from **Anna University** – Chennai, India (2010)

TECHNICAL SKILLS

Test Management Tool: JIRA, Silk Central Test Manager, Rally, HP QC (ALM)
IDE/Scripting Language: Python, VBscript, Batch Script, Shell Script, Groovy, Java, Scala, PyCharm, Eclipse and IntelliJ
Automation Testing Tools: Unified Functional Testing (UFT-11.5), Selenium Web Driver; Appium
Performance Testing Tools: Gatling
CI/CD Tools: Jenkins
Databases: MySQL
Version Control: Perforce, Bitbucket, Git
Operating Systems: Windows 10/8/7/XP/2000/NT/98/Linux

CERTIFICATION

- **"ISTQB"** – Certification by International Software Testing in 2012
- **"AZ-900"** –Certification by Microsoft for Azure Fundamental in 2023

(Refer to Annexure for Projects)

Annexure

Pariplay India Private limited, Chennai - September 2020 – Till Date

Games and Platform Integration – QA Automation Lead Engineer and DevOps Engineer
Pariplay is aggregation iGaming platform that connects Game vendors with casino operators through API's across mobile, desktop and social channels, together with Partnering the world's top online gaming providers

Responsibilities:
- Leading the Automation team, Framework Creation for Platform and Game with Allure Reporting, SonarQube for Platform and Game, guiding the team on script execution and code review.
- Implemented DevOps practices and ensured that the Jenkins CI/CD pipeline is integrated with other DevOps tools such as configuration management, infrastructure provisioning, and monitoring
- Adhered to Agile/Scrum methodology with daily Stand-ups, Sprint Planning, Sprint Closure and continuous integration.

Online Gaming (IOS, Android & Web Browsers) - Senior Quality Assurance Engineer
iGaming Platform provides online games for the casino operators the capability to provide web and mobile wager-based slot, Bingo and Table games.

Responsibilities:
- Created an automation team, identified the key areas for automation and developed automation strategies for various manual practises to achieve business goals on platform and games integration.
- Developed a Performance Testing Framework using Gatling with Scala to perform the load testing

Scientific Games Corporation, Chennai- October 2013 – August 2020

Software Release Engineering Service (SRES) - Software Release Engineer
SRES is a process of automating the various stages of software development, including planning, building, testing, deployment, and support.

Responsibilities:
- Maintaining product release process, including generating and delivering release packages, generating various metrics for tracking issues against releases and the means of tracking compatibility among products
- Designing & developing build and packaging tools for continuous integration build and reporting

Galaxy Hub - Casino Management Application - Senior Quality Assurance Engineer
Galaxy Hub solution aims at managing multiple casino properties and players across various casinos are rated and evaluated using this solution. Being a lightweight product, multiple instances can be fired up to entertain the load.

Responsibilities:
- Understand and analyse Business, Functional, Technical and UI (User Interface) requirements of the project/release.
- Implementing Newman API Testing Configuration in CI/CD Pipeline

Online Gaming (IOS, Android & Web Browsers) - Senior Quality Assurance Engineer
Scientific Games iGaming Platform is essentially an online gaming portal, allowing casino operators the capability to provide mobile, social, and online play-for-free and wager-based gaming.

Responsibilities:
- Organised kick-off meeting with the Development Team regarding testing of applications in iOS/Android & different Web Browsers
- Creating test plans, test cases, and test scenarios based on software requirements and design documents.

Lion Bridge Technologies, Chennai- June 2011 – October 2013

Hewlett Packard –Fleet Management System (FMS) and Web Jet Admin - Software Testing Engineer
HP Fleet Management System (web) and Web Jet Admin (Windows) application is a Hewlett Packard print management software product designed for the administration of network printers.

Responsibilities:
- Executing manual and automated tests to verify software functionality, Identified and reported the defects in defect tracking system; Conducting regression testing and verifying bug fixes to ensure software quality.