

PARDEEP KUMAR

SOFTWARE TEST ENGINEER

Contact Information

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Objective

To secure a challenging position as a Software Test Engineer in a globally competitive environment, where I can leverage my 8+ years of experience in Manual Testing, Database Testing, Functional Testing, API Testing using Postman, and Web Automation using Selenium Python & Cypress. I am seeking opportunities that offer job satisfaction and provide a platform for steady-paced professional growth. With strong creative and analytical skills, along with a keen eye for detail, I am committed to contributing to the success of the organization while working collaboratively as a valued team player.

Skills

- Functional Testing.
- Integration Testing.
- System Testing.
- API Testing using Postman.
- Database Testing Stored Procedures, Batches, Subqueries, CTE's, View Joins, Insert, Update, Delete.
- Database Migration Testing.
- Test Planning, efforts estimation, Test Metrics, Test Reporting, RCA, Risk Analysis.
- Web Automation Using Selenium & Cypress.
- Pytest, Page Object Model, BDD, Allure reporting, Jenkins, CI/CD.
- Agile Framework, Scrum Methodologies.
- Automation Framework setup.
- Tools and Technologies: Selenium with Python, Cypress with JavaScript, J-Meter, Tableau.
- Postman, Microsoft SQL Server 2005-2016, Jira, Red-Mine, GIT, Visual Crone.
- AWS, Data Analytics, Data Visualization, Data Manipulation and Transformation, Statistical Analysis, Advance Excel.

Certification & Trainings

1. ISTQB Foundational Level Certified: Obtained ISTQB (International Software Testing Qualifications Board) Foundational Level certification, demonstrating a solid understanding of fundamental testing principles, techniques, and processes.
2. P-Cloudy Mobile App Testing Professional Certificate: Earned a certificate in P-Cloudy Mobile App Testing, showcasing expertise in testing mobile applications using the P-Cloudy platform. This certification validates proficiency in mobile app testing strategies, tools, and best practices.

3. NPTEL- Python Certification: Completed a Python certification course from NPTEL (National Programme on Technology Enhanced Learning), indicating proficiency in Python programming language. This certification confirms knowledge of Python syntax, data structures, algorithms, and application development.
4. AWS- Restart Program Graduate: Successfully completed the AWS (Amazon Web Services) Restart Program, which provides comprehensive training in cloud computing and AWS services. This graduation indicates proficiency in AWS technologies, deployment models, and best practices for cloud-based applications.
5. I have undertaken a 16-week Data Analytics Training and Internship program at Trainity. This comprehensive training program provided me with a solid foundation in data analytics principles, techniques, and tools.

Work Experience

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| 1. Communication Test Design India | Aug- 2019 To Apr- 2023 |
| 2. Crestech Software System Pvt. Ltd. | Aug- 2015 To Jul- 2019 |
| 3. HCL Infotech Pvt. Ltd. | Apr- 2015 To Aug- 2015 |
| 4. RU Information Technology Pvt. Ltd. | May- 2014 To Apr- 2015 |

Qualification

Vinayaka Mission University	2016
Masters of Computer Application	
GNIIT	2011

Project Summary, Roles, and Responsibilities

Company: - Communication Test Design Inc.

Project1: - VeriFone OLP is an internal custom-built web-based Repair Management System integrated with an Oracle database, designed to manage the VeriFone repair business.

Project2: - ZEBRA OLP is a proprietary online provisioning system used by CTDI to manage business processes and repair transactions. OLP is integrated with Zebra Oracle and Seibel systems to track components, device inventory, work orders, and repair activities.

Roles, and Responsibilities: - In my role as a Sr. Quality Engineer working on the ZEBRA/Verifone & COX projects, my responsibilities included:

- Functioned as an Automation and Database Tester for the VeriFone OLP and ZEBRA OLP projects.
- Utilized Selenium with Python as the primary automation framework to automate test scenarios, test cases, and regression suites.
- Developed and executed detailed automated test scripts and test cases using Selenium and Python, ensuring comprehensive test coverage and accuracy.
- Designed and implemented automation frameworks using Selenium with Python, tailored to the specific needs of each project, ensuring efficient and effective test automation.
- Conducted thorough database testing, including validating data integrity, executing SQL queries, and verifying stored procedures.

- Collaborated closely with the development team to review and validate requirements and technical specifications for both projects.
- Participated in sprint planning and estimation sessions to align automation and database testing efforts with project timelines and objectives.
- Conducted integration testing to ensure proper functioning and data synchronization between the systems and databases.
- Mentored and provided guidance to associate QA engineers on automation testing best practices, database testing techniques, and Selenium with Python automation.
- Engaged in daily scrum meetings and sprint retrospectives, providing updates on automation and database testing progress and addressing any issues or challenges.
- Created and maintained test artifacts, including test plans, test cases, and automated test scripts, using tools like Jira and Confluence.
- Identified and reported defects and issues discovered during automation and database testing, ensuring their proper tracking and resolution.
- Ensured the delivery of high-quality software by verifying the correctness and efficiency of database operations and the seamless integration of automation and database testing efforts.

By fulfilling these responsibilities, I contributed to the successful implementation and ongoing maintenance of the ZEBRA OLP system, enabling efficient management of business processes and repair transactions for CTDI.

Company: - Crestech Software System Pvt. Ltd.

Project 1:- SPOS, a Smart Point of Sale (SPOS) system, is a computerized system designed to facilitate customer payments using credit or debit cards. The system typically includes various components such as a cash till, PDQ machine (card payment terminal), barcode reader, and the necessary software and hardware integration with payment gateway providers and merchant accounts.

Project 2:- HMRCL (Hyderabad Metro Rail Corporation Limited) Developed an Automatic Fare Collection (AFC) system package for the metro rail project in Hyderabad, enabling seamless fare transactions and passenger management. The system encompassed various functionalities, including Card Inquiry, Top-up Recharge, Travel Recharge, and Refund. Notably, the testing of the AFC system was conducted extensively through API (Application Programming Interface) testing.

Project 3:- DMS-Iran (Data Management System for Iran) Developed a comprehensive Samsung Distribution Management Application specifically designed for the Iran market. The application served as a data management system, facilitating the storage and organization of various types of product information, including Samsung mobile devices, electronics, as well as information related to Samsung dealers and distributors in Iran. The DMS-Iran project showcased my ability to develop and customize software solutions tailored to specific markets and business needs. By creating a robust data management system for Samsung's distribution operations in Iran.

Project 4:- Project: SUMS (Samsung My Galaxy App) Led a database-focused project for the development and validation of stored procedures in the SUMS (Samsung My Galaxy App). The project involved validating the created stored procedures and ensuring their accuracy and efficiency in handling a large volume of consumer data, which exceeded 10+ million records. The primary objective was to enhance the performance and reliability of the database operations within the application.

These projects showcase my ability to successfully deliver software solutions tailored to specific business requirements and market needs. Through effective project management, testing methodologies, and customization, I ensured the development of robust systems that met the objectives of each project.

Roles, and Responsibilities: -

- Played a Test Engineer role in multiple projects, including SPOS (Smart Point of Sale), HMRCL AFC (Hyderabad Metro Rail Corporation Limited - Automatic Fare Collection), DMS-Iran (Data Management System for Iran), and SUMS (Samsung My Galaxy App).
- Utilized skills such as API testing, database testing, functional testing, and test artifacts creation across all projects.
- Conducted API testing to ensure seamless integration and functionality of system components, such as PDQ machines, barcode readers, and payment gateway providers.
- Performed comprehensive database testing to validate accurate data storage, retrieval, and manipulation within the systems.
- Executed functional testing to verify system behavior and compliance with business requirements.
- Developed and executed detailed test cases, test scenarios, and test scripts to ensure thorough test coverage and traceability.
- Collaborated closely with development teams to identify and resolve issues, bugs, and inconsistencies encountered during testing.
- Created and maintained comprehensive test artifacts, including test plans, test reports, and documentation for effective test management.
- Mentored and provided training assistance to team members, ensuring adherence to testing best practices and quality standards.
- Participated in daily scrum meetings, sprint planning, and sprint retrospectives to contribute to project progress and improvements.
- Assisted in the identification and implementation of process improvements to enhance testing efficiency and effectiveness.
- Communicated test findings, status updates, and suggestions for improvement to stakeholders and project teams.

Company: - Ru InfoTech Pvt. Ltd/ HCL Infotech.

Project 1: RAPDRP (Restructured Accelerated Power Development and Reform Program)

As part of the 11th Plan, the Government of India initiated the RAPDRP (Restructured Accelerated Power Development and Reform Program) with the aim of enhancing the existing APDRP (Accelerated Power Development and Reform Program) to bring about significant reforms in power distribution. The project focused on achieving the following objectives:

Reduction of AT & C losses, Bring about Commercial viability, Reduce outage & interruptions & Increase Consumer satisfaction.

Roles, and Responsibilities: -

- Handle the requirements independently in the given function.
- Brainstorming Session with stakeholders.
- Develop Test Cases based on the Functional Requirements and their Execution.
- Defect Reporting and provide functional Solution with closely working with Development Team.
- Database testing (select Statement, SQL Joins) to ensure data integrity.