

K Sai Keerthana

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OBJECTIVES

I am looking for an opportunity where I can focus on a challenging career in an organization that provides me with the scope to update my knowledge at every step. I must prove myself as a good team member and perform my duties with best abilities to deal with as many projects try my level best to success.

SUMMARY

Software Tester

HCL Tech

October 2022 - Present, Bangalore

Results-driven Software Test Engineer with nearly 3 years of experience in Manual and Automation Testing across Web, API, and ETL layers. Skilled in developing test cases, identifying bugs, and ensuring software quality in Agile environments. Experienced in Selenium with Python, CI/CD (Jenkins), SQL, and REST API testing. Currently working as a Software Test Engineer at GE Health Care, deputed by HCL Tech on embedded systems and Power BI dashboards for healthcare projects. Strong problem-solving ability and passionate about quality assurance best practices.

PROJECTS

Darwin Project

GE Health Care • March 2025 -Present

- Testing functional and non-functional attributes of both software and hardware in an embedded system and ensuring that the final product is defect free
- Understand the requirement and prepared the comprehensive test cases and perform the System Testing.
- Performing Session testing and identifying the defects of the system and logged the bugs in HCL Compass.
- Performing UI Testing to evaluate visual elements, layout, navigation, and the general user experience, with the aim of meeting specific requirements.
- Performing Regression testing to test the side effects of the testing process.
- Logged and managed test cases and defects using Azure DevOps (ADO) for efficient test execution and tracking.

Straumann-Nexus

HCL Tech • June 2024 – March 2025

- Understand the requirement and prepare the comprehensive test cases and test data to perform the ETL Testing and Power BI Dashboards testing.
- Prepared the complex SQL queries to validate the Data Quality and the ETL processed data and logics in both AWS Athena and Snowflake.
- Performed the Data Migration Testing once the data is moved from source to target.
- Validated the AWS Glue jobs to ensure the Tables, columns and data mapping between Source and Target databases is mapped properly.
- Validated the Schema of each table in the target based on the requirement and ensured the data is populating as per the schema.
- Verified the Reference files in AWS S3 buckets which has been used to develop the ETL Logics to populate the calculated fields.
- Identified the bugs in Power BI Dashboards, incorrect ETL logic design in code and logged the bugs in JIRA.

Alcon-ORA

• HCL Tech | September 2023 – May 2024

- Developed and executed automation test scripts using Selenium WebDriver with Python for web-based applications and React applications.
- Automated regression and smoke test scenarios to reduce manual testing effort.
- Utilized PyTest framework for test execution, assertions, and test structuring.
- Followed the Page Object Model (POM) design pattern for better script maintainability and reusability.
- Implemented explicit and implicit waits to handle dynamic web elements and improve test stability.
- Participated in bug tracking and reporting using Jira, working closely with developers for defect resolution.
- Performed cross-browser testing using Chrome, Firefox, and Edge drivers.
- Generated HTML test reports and communicated test results to the QA lead and project manager.

• **Mobile Application Testing (Internal Project – Flutter)** – HCL Tech

2024

- Conducted manual UI and functional testing for a cross-platform mobile application developed using Flutter.
- Validated navigation, layout responsiveness, and API integration on Android and iOS devices.
- Logged and tracked defects using Jira and participated in test execution reviews.

Ray Tracing 2-Dimensional & AnalyzOR

HCLTech • Jan 2023 - August 2023

- Created comprehensive test plans and unit test cases for doing the back-end testing for the application developed in Python and MATLAB Programming Language.
- Pushed the latest source code that was committed by the developers to Bit bucket using Git and versioned it accordingly, and also deployed

the code to the Test Environment.

- Performed REST API testing using Postman and validated response codes, payloads, and headers for backend data services.
 - Execute and automate API Tests using industry-standard tools
 - Modified the Python & MATLAB code as per the source code structure whenever it got changed based on the client's requirement, then executed the code.
 - Identified the bugs, and incorrect logic design in code and logged the bugs in JIRA.
 - Reviewed User Stories, programmed templates, and requirement documents to develop test cases and scenarios.
 - Maintained the Sprint Board in JIRA for every sprint.
 - Prepared the Weekly Status Reports and Test Summary Reports,
 - Analyzed UAT testing results from business users and compiled defect reports.
 - Interacted with Product owners to validate the code meets their needs.
 - Prepared the Software Engineering Development Process(SED) Documents in Confluence.
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EDUCATION

Bachelor of Computer Science and Engineering

Chadalawada Ramanamma Engineering College • B. Tech (CSE) • 2022 • 8.9

Narayana Junior College • Intermediate • 2018 • 9.0

Smt.Eswaramma English Medium High School • 2016 • 9.2

CERTIFICATIONS

Actively learning Salesforce testing and have foundational knowledge of Sales Cloud and Marketing Cloud.

Selenium WebDriver with Python – Udemy – 2025

Power BI – Tech Tip -2024

Python for Automation – Udemy – 2024

SKILLS

Testing Skills: Manual Testing, Automation Testing (Selenium with Python), API Testing (Postman), ETL Testing, UI Testing, Regression Testing, Functional & Integration Testing, UAT, Salesforce Testing (Basic knowledge – learning)

Tools & Frameworks: Selenium WebDriver, PyTest, Azure Devops(ADO), JIRA, Confluence, Bitbucket, Git, TFS, AWS, Snowflake, Power BI, Postman

Programming & DB: Python, SQL, MATLAB, HTML

CI/CD & Version Control: Jenkins, Git, Bitbucket

Reporting & Documentation: Test Summary Reports, Weekly Status Reports, Test Plans, SEDP Documentation

Platforms & OS: Windows 10/11, AWS (Glue, Athena, S3)