

Archana Babu

Software Tester Engineer

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Result-oriented professional with more than 8 years of experience in Information Technology sector have proven ability and effectiveness to timely deliver projects through active engagement with business stakeholders. Good experience in Automation/Manual/ETL/SQL testing. Hands-on experience in implementing different test frameworks and tools using C#, VBScript, and Python in Airlines & Healthcare domain projects.

PROFESSIONAL EXPERIENCE

Lead Software Test Engineer

Aug 2020 – Present

DXC Technology – Kaiser Permanente, San Francisco CA

Project 4 - Enterprise Physical Access Control System

- Developed Test Cases for Deployment Verification, ETL Data Validation and Report testing.
- Created ETL test data for all ETL mapping rules to test the functionality of the Informatica graphs.
- Tested the ETL Informatica mappings and other ETL Processes (Data Warehouse Testing)
- Experience in querying and testing RDBMS such as Oracle, MS SQL Server using SQL for data integrity.
- Developed python script using Pandas and NumPy data frame for data validation in source, delta, master, staging and target databases.
- Data loading of historical data onto the data warehouse, as well as reference data and metadata.

Lead Software Test Engineer

Aug 2016 – Aug 2020

DXC Technology – American Airlines, Dallas TX

Project 3 - Enterprise Physical Access Control System

- Designed and developed REST APIs service validation scenarios using Spec-Flow (BDD framework) for business and functional requirements.
- Developed Hybrid framework for web application using BDD and Page Object Model to validation business scenarios for Enterprise Physical Access Control System
- Integrated & executed test framework in CI/CD pipeline in test and stage by collaborating with teams such as DevOps(Azure) and support teams in CI/CD areas.

Hewlett Packard Enterprise – American Airlines, Dallas TX

Project 2 - LookAhead - CrewWatch

- Developed simulation framework for the LookAhead applications in the test environment.
- Developed automation strategy for complex integration of web and SABRE HTE components.
- Worked with the Crew SMEs to understand the challenges of creating illegalities in the test environment.

Siebel Administrator

Aug 2013 – Aug 2016

Hewlett-Packard Inc – American Airlines, Bengaluru IN

Project 1 – Ventana Single Frequent Flyer and Rapid Rewards (RR) Program

- Administration and Maintenance of Siebel Enterprise.
- Code Migration like Repository Migration, SRF Deployment and other special deployment activities required for AA.
- Database related tasks including Backup of DB, monitoring DB performance and server space/performance, etc.

Awards

2021 – Received FY21 DXC Achievement Award for delivering excellence

2019 – Awarded as running up in American Airline 2019 Hack-war

2018 – Best team player recognition by DXC management for team collaboration and leadership.

2016 – Recognized by American Airlines for successful implementation of Single Frequent Flyer Program.

PROFESSIONAL SUMMARY

- Over 8 years of experience in automation & manual testing on web based, Client/Server and data warehousing applications.
- Well-versed with all stages of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
- Experienced with onsite-offshore Co-ordination.
- Experience in creating Test Readiness Review (TRR), Requirement Traceability Matrix (RTM) documents.
- Experience in preparing Test Strategy, developing Test Plan, Detailed Test Cases, writing Test Scripts by decomposing Business Requirements, and developing Test Scenarios to support quality deliverables.

SKILLS

- Business requirement analysis
- Good analytical and problem-solving skills.
- Good written and verbal communication

TECHNOLOGY SKILLS

- Scripting – Python, Selenium C#, VB Script, Java, and Shell scripting
- Project management software – Azure DevOps, Jira, ALM and Rally
- DBMS – Oracle, MS SQL, MongoDB
- ETL - Informatica
- Tools – Microsoft Visual Studio, PyCharm, Git, IntelliJ, Eclipse, UFT

EDUCATION

Bachelor of Computer Science and Engineering

Anna University | Chennai, India
2009 – 2013

INTEREST

Photography, Pencil sketching,
Cooking, Travel & Vlogging

LANGUAGE

English, Hindi, Tamil, Telugu