**Amu**

**Sr. QA Engineer**

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# PROFESSIONAL SUMMARY

* Over 5 years of experience as **Manual Tester / Automation Tester** dedicated to debug and suggest the detailed refinements and in conducting **Functional testing, database testing, User Acceptance Testing, Integration testing, System testing, Sanity testing, Exception testing, Regression testing, Compatibility testing, API testing, ETL testing& Security testing** of client/server and Web based Applications.
* Experience in various **Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC),** phases with Expertise in analyzing **Business Requirement Documents** [BRD] and developing **Test Plans**, **Test cases**, test execution and **Test Case Design DocumentTest Scripts** and **Test reports** of manual and automated tests using **Agile and Waterfall** methodologies.
* Proficient in using automation tool such as **Selenium WebDriver, Protractor**for **functional** testing using **Java** as the primary language to write tests and**LoadRunner**,**JMeter** to perform in **load, stress**, API testing and develop automation testing scripts for web and client server applications.
* Working experience with **defect tracking** tools like **Jira, Rally and HP Quality Center (QC), HP ALM (Application Lifecycle Management) and Bugzilla**
* Well conversant with the implementation of different types of frameworks like **Data Driven, TestNG, Hybrid,** and **Page Object Model (POM)** using Selenium.
* Knowledge on **Continuous Integration (CI)** / **Continuous Deployment (CD)** for scheduling the jobs using **Jenkins**, **GIT, ANT and Maven**for project building tool.
* Proven ability to work with **Behavior Driven Development** using **Cucumber** which integrated **feature files, Step Definition and Runner classes** in **Gherkins** language.
* Performed inspection using **Fire Path**, running scripts, **debugging scripts** in different environment, Extracting Test results, **Cross browser testing**usingSauce labs, and data validation.
* Experienced in generating logging by **Log4j** to identify the errors in production test environment and experienced in Ant, Maven.
* Good experience in mobile testing using Appium using node.js, Perfectoin both **IOS and Android** applications using simulator and emulator.
* Experienced in performing **backend Database testing** by executing **SQL** queries including joins, views, stored procedures, base tableand involving in **Data Analysis** by using SQL and in-depth understanding of Relational Database Management System (**RDBMS**) andBI.
* knowledge on testing Angular JS applications using behavior driven development framework for javascript using Jasmine.
* Used SOAP UI tool using groovy script to test the request and response of **SOA** based architecture application to test **Web Services and API (Restful, SOAP, WSDL**, JAXB, JAX-RPC) and Utilized **Schema compliance** to validate the response message against definition in the WSDL and contained XML Schema.
* Team player with excellent **interpersonal and communicational skills along with** Excellent analytical and problem-solving abilities, ability to learn and adapt to new technologies and experience in successfully implementing new technologies in the projects.

# TECHNICAL SKILL SET:

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| **Testing tools** | Selenium WebDriver, JMeter, Postman, SoapUI, LoadRunner, Postman |
| **Project methodology** | Waterfall, Agile, Hybrid |
| **Tracking Tools** | JIRA, Bugzilla, Version One, HP Quality Center/ ALM, TFS, Rally, |
| **Project management tools** | MS office (MS Excel, Word, Outlook, PowerPoint, Project) |
| **ETL tools** | Informatica |
| **Development Tools** | Eclipse 5.x/6.x, Maven, ANT, SVN Version Control, Github, IntellijIdEA, Visual Studio |
| **Programming Languages** | C/C++, JavaScript, HTML, CSS, Java, PL/SQL, SQL, .net |
| **Database** | Oracle, and SQL Server, TOAD, DBMS, RDBMS |
| **Operating Systems** | Windows, Mac OS, Unix/Linux |
| **Domino** | IBM lotus notes Domino |
| **Tools and packages** | VMware, Web services- SOAP, RESTful, Tableau |
| **CRM tools** | Microsoft Dynamics CRM, Salesforce.com |

# EDUCATION DETAILS Masters in Eastern Illinois University

### Computer Technology- GPA 3.75

# PROJECTS

United Health Group-Basking Ridge, NJ-May 2016 to Present

**Role:**Test Engineer

**Project Description**:  Optum CPMS (Complex Population Management System): Salesforce based application.This Application is used for Customer relation and outreach management for the list of members from healthcare plan inorder to get content to provide services to the users with different health plan such as Medicare and Medicaid. This application also helps in tracking diagnosis and maintain revenue cycle components which vary according to the health plan to order to bill.

**Responsibilities:**

* Worked in **Agile** environment and provided testing of complex next generation features along with working in **Appium, Selenium-WebDriver**, Robot framework.
* Developed and implemented **test plans, test cases and scripts and performed Test Data Management**and test execution using both manually and through automated process for specific business scenarios.
* Performed System **integration testing (SIT), functional, regression, performance, configuration, and installation testing**.
* Written **Gherkins and Java scripting** automation test scripts to execute **in cucumber**.
* Performed **BDD (Behavior Driven Development)** with **Data Driven Test Automation** Framework using **Cucumber Features, Scenarios, and Step Definitions**.
* Experience in testing **SOAP/XML and REST APIs**- based **web services using Groovy script** for Ecommerce websites using **SOAPUI** and **Chrome Postman**to test the request and response of **SOA** based architecture application**.**
* Created and modified automation testing using Protractor with JavaScript for web and mobile applications
* Developed automation scripts for **Mobile Native applications** on iOS and Android platforms.
* Logging and managing defects using defect management tool **HP ALM Quality Center 12.**
* Conducted **backend (ETL) testing** to validate **MDM** for standardization, **transformation, data clean**, application integration, data flow, data quality, redundancy based on business requirements in agile methodology from mainframe by using Informatica power center.
* Involved in testing of the Informatica platform from Informatica Power Center 9.2. Performed **SQL Queries** on both Source and Target and verifying the records and its respective fields match and count of the records as part of **backend testing.**
* Tracked quality assurance metrics such as defects, defect counts, test results and test status reporting in **HP Application Lifecycle Management** and mapped then to requirements to create Requirement traceability matrix.

**Environment:** JAVA, HTML, GIT, JSON, Jenkins, Maven, SOAP UI, Groovy Script, JUnit, Selenium WebDriver, Appium GUI 1.6.5, Cucumber, Firefox/Chrome, Quality Center 12, Jira, Informatica Power Center 9.6, protractor, Oracle SQL developer, Oracle DB, Agile, API, HP ALM, javascript

State Farm Insurance - Bloomington, IL-Aug 2015 to Feb 2016

Role: QA Analyst(Manual /Automation)

**Project Description**:  State Farm is insurance company. It offers insurance for health, life, car and business oriented insurance policies. System was upgraded and maintained and used HIPAA, HL7 standards and CJIS security policy. This is an enterprise software system managing providers, subscribers, members, vendors, employees and accounting.

**Responsibilities:**

* Working in **Agile** Scrum Environment and Developed automated test scripts using **Selenium** and in Java Eclipse and conducted **performance testing** using LoadRunner
* Develop Test data, Test Plan, Test scenarios, Test cases, Test Scripts, Test execution and **Traceability Matrix.**
* Works closely with software engineers in the development, execution, and results of tests.
* Written Regression test cases for supported business functionalities, write end to end integration test cases, write system test cases as well.
* Develop test automation framework based on **Page Object Model**, **TestNG and Selenium WebDriver** to reduce code and better maintenance
* Performed testing on web services and SOA using **SOAPUI** with **XML** web services, REST and SOAP **APIs using groovy script**.
* Performed Data Driven testing using SOAPUI.Worked with Offshore Automation QA resource to automate test cases and test scenarios and make sure healthy automation test coverage for the supported functionalities.
* Reported defects through Jira and performing Regression to resolve bugs fixes.
* Performed integration testing of Hadoop into **traditional ETL**, extraction, transformation, and loading of massive structured and unstructured data. Worked upon the data quality of the information which needs to be stored.
* Used Log4j to debug the defects which had effect on the Test Script
* Maintaining the Selenium scripts in **SVN** repository. Update and Maintain **regression suite** for every release.
* Configured Maven and Jenkins for better dependency and automatic build deployment with help of dev-ops team.
* Configured **JDBC connections** to retrieve data from database as part of backend testing.
* Working on different automation tools to perform testing of the mobile application(Android and IOS) using Appium.
* Designed, developed, troubleshooted, debugged, and implemented software code (such as HTML, Java,JavaScripts, etc) for Selenium automation of the test scenarios.

**Environment:** HTML, Microsoft Office WSDL, POM, Agile, SOAPUI, XPath, SVN, Selenium Web driver, Jenkins, Sauce labs.Jira, Java, API, GIT, Intellij IDEA, Hadoop, simulator, android device, Tableau

## DXC (Computer Science Corporation)**-**Dallas, Texas-December 2013 to july 2015

Role: Manual / Automation QA Analyst

**Project Description**:  MetaVance is an enterprise system for health care organizations to support both managed care and indemnity health insurance operations. The system is designed on a flexible, adaptable client/server platform and can be customized to meet a client's present and future needs to support operations such as claims processing, member eligibility and health care provider management. Through its MetaVance system, HP is the largest provider of applications services for the commercial healthcare market with national clients such as Humana, Inc., Blue Cross Blue Shield of Arizona, and NASCO.

**Responsibilities:**

* Participated in all phases of the **Software Testing Life Cycle (STLC).**
* Involved in the design and development of test plan from business, Functional requirements and data mapping requirement specifications which includes test objectives, test strategy, test environments, Test Data Management etc.
* Performed **System, Backend, Integration, Smoke, Positive and Negative** and monitored the behavior of the applications during different phases of testing using testing methodologies.
* Coordinated the testing effort towards **End-to-End testing** to verify the proper functioning
* Constant improvement of our Test Automation and Continuous Integration using **Jenkins** practices with coordination of Dev-ops team.
* Documented all defects found in **HP Quality Center** defect tracking system and maintained requirements in HP ALM.
* Worked with HP in many instances to investigate any issues or seek new functionalities to meet business requirements.
* Designed & developed data driven framework to validate different user form using Quick Test Professional (QTP/UFT).
* Worked on Single Sign on for the application for Data security.
* Extensively used VB Script & Descriptive programming to develop **Data Driven Framework in QTP(UFT).**
* Gained knowledge ServiceNow Incident Management process and Responsible for managing any Service Requests and Incidents that come to our ServiceNow queue.
* Prepared test scripts for test cases using .net/C#.
* Part of migration from remedy ticketing tool to ServiceNow tool
* Experience all types SQL queries like select, insert, update and delete records (CRUDE).

**Environment:** HTML, CSS, XML, SQL, VBScript, Window, HP QC, QTP(UFT), SVN, NodeJS, Appium, GIT, HP ALM, ServiceNow, .net.

## AGIES Insurance Private Ltd- Hyderabad, India-August 2012 to November 2013

**Role**:Manual Test Engineer

**Project Description:**Cybernetics is an online web based application providing Insurance and Financial Services to the customers. This application has several modules like Homeowners, Life, Claims and Boat Owners Insurance modules. This Online application allows the customers to register on their online web site to receive the Benefits and provide access to Pay insurance bills and view their insurance policies and quotes. With this application customer request policy documents, such as auto insurance ID card, review the status of insurance bill, access to saved insurance rate quotes, free online bill.

**Responsibilities:**

* Responsible for writing **Test Scripts, Test flows and Test Performance documents**, using MS Word and MS Excel.
* Involved in implementing **QA methodology and Test Metrics**.
* Expertise in **Smoke Testing** for overnight builds and reported the critical issues to the developers.
* Performed **backend testing** to validate data from source to destination.
* Prepared a detail **test schedule and test metrics** on a weekly basis to know the status report of the application.
* Constantly involved in the team to adopt **QA Testing Standards logged** and Traced defects using **TFS.**

**Environment:** RUP, Rational Requisite Pro, TFS, Microsoft Suite, Java