## Anusha Chitturi

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## Summary

- 9+ years of experience in both software development and software testing of Web applications.
- Experience in **Manual & Automated** Testing of GUI and functional aspects on Web based applications on multiple levels of **SDLC** and **STLC**.
- Good Knowledge of **Object-Oriented Programming Concepts (OOPS) and Java/J2EE** skills.
- Expertise in creating test scripts using **WebDriver**, **Selenium RC**, **Selenium-IDE,** and **Selenium Grid** in Java.
- Experience in **Functional, Regression and System testing** using **Manual & Automated** testing tools like **Selenium WebDriver, AccelQ, Testrail** and **qTest**.
- Experience in writing data driven tests using **TestNG, Jenkins and Excel**.
- Good Experience in **Inspecting, Debugging and Testing of Web pages** using Browser Developer Tools.
- Expertise in using **XPath and CSS Selectors** to locate web elements.
- Worked on **Cross Browser testing** on browsers like Firefox, IE, Edge, and Chrome using **Web Driver**.
- Experience in writing Test Plans, Test Scripts, Test Procedures and Test Cases from Requirements associated to a user story.
- Expertise in using **AWS Lambda and Dynamo DB** to store, ingest and monitor test data required for testing.
- Experience in **ETL Testing.**
- Experience with CI/CD and Code Versioning tools like **Jenkins, Maven and GIT**.
- Experience in Manual and Automated **RESTful Web Services testing using Postman and Newman**.
- Experience in working with **Oracle and My SQL databases.**
- Expertise on **Java, J2EE design** patterns.
- Experience with **Agile SCRUM Methodology** based project execution.
- Experience in using **JIRA** tool to raise and track bugs and associate them to a user story.
- Experience in writing unit test cases using **Junit.**
- Excellent interpersonal and customer relational skills.
- Strong analytical and communication skills and ability to work independently with minimal supervision.
- Sound technical knowledge and ability to learn any tool quickly.

## Technical Skills

| Operating Systems | Windows, Unix |
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| Languages | Java/J2EE, SQL, HTML/XHTML, JavaScript, CSS, XML |
| Testing Tools/Defect Tracking Tools | Selenium Web Driver/RC/IDE/Grid, AccelQ, Postman, qTest, Testrail, JIRA, Newman, Informatica service center |
| CI/CD Tools | Maven, Jenkins, GIT, Ant, SVN |
| IDEs | Eclipse, IntelliJ |
| Testing Frameworks | Junit, TestNG |
| Database/ Database Tools | Oracle, My SQL, Dynamo DB, PostgresSQL |
| Methodologies | Waterfall, Agile SCRUM |

## Education

- Bachelor of Technology in Computer Science, Jawaharlal Nehru Technological University, Hyderabad, India.

## Professional Experience

**Employer:** SunPower Corporation                                    **Period:** Sep 2022 – Jan 2024
**Current Role:** Quality Assurance Engineer
**Client:** SunPower Corporation

**Project Title:** SunPower Energy Data Platform (EDP)
**Description:**

Energy Data Platform (EDP) provides accurate timely data and data services to various SunPower applications for a much-improved customer experience and support future growth. EDP supports different applications such as mySunPower app used by customers and SPFM/Sales Portal used by SunPower dealers who installs solar on behalf of SunPower. This project was implemented to replace legacy SMS system that limited SunPower ability to secure and scale the data.

**Responsibilities:**

- Analysis of Business Requirements and work with Business Stakeholders to get clarifications on requirements.
- Develop Test Strategy, Test Scenarios and Test Cases in Tesrtrail for both manual and automation testing.
- Reviewing test scenarios and strategies with Business and Development Teams.
- Attending Daily Stand ups, Weekly Status meetings regarding the ongoing tasks.
- Performed UI testing for SPFM Portal using AccelIQ.
- Performing Manual and Automated API testing using Postman, Selenium and Newman.
- Performed Data Flow ETL testing using Informatica tool.
- Raising and tracking bugs in JIRA and associate them with corresponding Stories in JIRA.
- Scheduling automated test script runs using Jenkins.
- Running DB Queries in PostgresSQL to validate data associated to test cases.
- Running predefined AWS Lambdas that trigger batch jobs related to EDP functionality.
- Validating device data in Dynamo DB by running predefined queries.

**Environment:**

Java/J2EE, AGILE, JIRA, Jenkins, Selenium/Test NG, IntelliJ, Git, Testrail, Postman, Newman, PostgresSQL, DynamoDB, AccelQ

**Employer:** Synaty                                    **Period:** Dec 2021 – Sep 2022
**Current Role:** SDET
**Client:** SunPower Corporation

**Project Title:** SunPower Virtual Power Plant (VPP)
**Description:**

Virtual Power Plant (VPP) Project provides one-of-a-kind opportunity for SunPower's SunVault Customers to make more money by selling surplus battery energy back to the Electric Provider's Grid during high demand hours. VPP Application will send notifications to customers through mySunPower App about the grid events and will give opportunity for them to Opt-In to the events. Once the event is done, SunPower will take care of coordinating with participating Electric Providers and crediting the earned income to Customers accounts monthly.

**Responsibilities:**

- Analysis of Business Requirements and work with Business Stakeholders to get clarifications on requirements.
- Develop Test Strategy, Test Scenarios and Test Cases in Testlink for both manual and automation testing.
- Reviewing test scenarios and strategies with Business and Development Teams.
- Attending Daily Stand ups, Weekly Status meetings regarding the ongoing tasks.
- Performed RESTful Web Services testing using Postman.
- Performing Automated API testing using Selenium and Newman.
- Raising and tracking bugs in Pivotal and associate them with corresponding Stories in Pivotal.
- Scheduling automated test script runs using Jenkins.
- Running DB Queries in PostgresSQL to validate customer data.
- Using GIT as Source Code Versioning tool.
- Mentoring new team members about product features and test strategies.

**Environment:**

Java/J2EE, AGILE, Pivotal, Jenkins, Selenium/Test NG, IntelliJ, Git, Testlink, Postman, Newman, PostgresSQL.

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| **Employer:** **CreditSnap** | **Period:** June 2017 – Oct 2021 |
| **Current Role:** Senior Automation Tester | |
| **Clients:** **Credit Unions and Medium Scale Banks** | |

**Project Title**: **CreditSnap Cross Sell Lending System**

**Description:**

This project is an extension of Pre-Approval and Pre-Screen Lending System. With this Product CreditSnap extends it Lending System's capability that enables its clients to offer different lending products to members in the same flow. If the member is looking for auto products, CreditSnap will run modified lending rules to determine whether member is eligible for different kind of products like Credit Cards or Personal Loans.

**Project Title**: **CreditSnap Pre-Approval & Pre-Screen Lending System**

**Description:**

Pre-Approval and Pre-Screen Lending Application System is developed to provide CreditSnap's Clients the capability to send Loan Pre-Approval and Ad Campaign letters to their members physical mailboxes or Emails. The Application interacts with different vendors like Direct Mail & Harland Clarke to mail Pre-Approval Letters to selected members on behalf of CreditSnap Clients by executing certain Pre-Screen business rules based on their credit profiles.

**Project Title**: **CreditSnap Lending Prequalification SaaS Product**

**Description:**

This project's goal is to develop a SaaS (Software as a Service) product for CreditSnap's Clients. This product is implemented to support Medium Scale Banks and Credit Unions to pre-qualify their members for products like Auto Loans Lending, Credit Cards and Personal Loans.

**Project Title**: **CreditSnap Account Opening System**

**Description:**

CreditSnap SaaS Product which offers Checking, Savings and FD accounts to its Medium Scale Bank Clients. CreditSnap offers these products by executing different eligibility rules set by each Client based on their Members Personal and Credit Profile information. In addition to Account Opening this product also offers features like Fraud Detection, Instant ID Verification and Instant Funds Transfer.

**Responsibilities:**

- Analysis of Business Requirements and work with Business Stakeholders to get clarifications addressed.
- Develop Test Strategy, Test Scenarios and Test Cases qTest for both manual and automation testing.
- Reviewing test scenarios and strategies with Business and Development Teams.
- Attending Daily Stand ups, Weekly Status meetings regarding the ongoing tasks.
- Developed and Maintained Selenium Web Driver Automated Test Cases for System and Regression testing using JAVA programming language and TestNG framework.
- Performing Manual and Automated Functional testing of Front-End using Selenium IDE and Web Driver.
- Created Data Driven Testing using TestNG, Maven, Apache POI and Excel.
- Executed Parallel Cross Browser Testing using Selenium Grid and RC.
- Raising and tracking bugs in JIRA and associate them with corresponding Stories in JIRA.
- Performed RESTful Web Services testing using SOAP UI.
- Scheduling automated test script runs using Jenkins.
- Using GIT as Source Code Versioning tool.
- Mentoring new team members about product features and test strategies.

**Environment:**

Java/J2EE, Selenium Web Driver/Grid/RC, AGILE, JIRA, Jenkins, Maven, Test NG, Apache POI, Eclipse, Git, qTest, HTML, CSS.

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| **Employer:** | Xenon Software Solutions | **Period:** | May 2016 – Nov 2016 |
| **Role:** | Software Development Engineer in Test | | |

**Project Title**:   **Customer Health Care System**

**Description:**

Customer Health Care System is a customer-oriented product to help them shop for an affordable health care insurance plan. The main objective of the project is to collect customer family and income data and submit it to a third-party health care provider. Based on the data the provider will quote affordable health care plans to customers.

**Responsibilities:**

- Analysis of Business Requirements and Technical Requirements.
- Application Code and Test case development in Eclipse using Java/J2EE, REST and Spring.
- Attending Daily Stand ups, Weekly Status meetings regarding the ongoing development and testing tasks.
- Using MyCollab as agile project management tool.
- Producing and consuming RESTful Web services.
- Using JUNIT to write and execute unit test cases to test the Java modules of the newly developed System.
- Using Maven to achieve build and deployment capabilities.
- Achieving the source version control using Git.
- Using ARC and SOAP UI to test newly developed RESTful web services.
- Fixing the defects identified during Integration and System Testing.

**Environment:**  Java/J2EE, REST, Spring, Eclipse, Git, Maven, My SQL, JBoss.

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| **Employer:** | Convergys | **Period:** | June 2010 – May 2012 |
| **Role:** | Java Developer | | |
| **Client:** | AT&T | | |

**Project Title**:   **ATWS Rating & Billing**

**Description:**

The ATWS Rating & Billing system uses Infinys Rating and Billing Manager (RBM) and is responsible for processing, pricing and invoicing usage and non-usage charges. The new system is designed for the custom changes needed to rate AT&T rating features (Access, International, and Wholesale) and geo code plug-in.

**Responsibilities:**

- Developing the application using Java/J2EE, Spring Framework, HTML, JavaScript and CSS.
- Attending Daily Stand ups, Weekly Status meetings regarding the ongoing development tasks.
- Using PERL scripting language to develop and execute billing related scripts.
- End to end integration & unit testing of the application.
- Fix and monitor the defects that are raised by testing team during system testing.
- Use of SVN tool for Source Code Versioning.
- Carrying out Functional and Regression testing.
- Carrying out root cause and severity analysis of the reported bugs.
- Providing post implementation support of the application once it is deployed into Production Environment.

**Environment:** Java/J2EE, Spring Framework, PERL, HTML, JavaScript, CSS, Eclipse, SVN.

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| **Employer:** | HCL Infosystems Ltd. | **Period:** | Nov 2009 – May 2010 |
| **Role:** | Java Developer | | |

**Project Title**:   **Asset Management System**

**Description:**

Asset Management System is an application that was developed to manage all the assets allocated to HCL Infosystems.

**Responsibilities:**

- Prioritize the requirements as per the prioritized scope items.
- Development of application using Java/J2EE, Struts, HTML, JavaScript and CSS.
- Do regular code reviews to make sure quality code is delivered.
- Defect Fixing by verifying defect log in Quality Center.

**Environment:** Java/J2EE, Struts, Eclipse, Tomcat, Quality Center, HTML, Java Script, CSS, Oracle.