Madhusudhan Sr QA Automation Engineer

* Seasoned, highly motivated Automation Engineer with 11 years of IT industry experience compromising of analysis, Design, Development, configuration, Testing and Release Management process in Web Development.
* Deals with multiple applications, business, data/information, and infrastructure.
* Profound knowledge on the Payment Platform Applications.

Excellent reputation for resolving problems, improving customer satisfaction, and driving overall operational improvements.

* Versed in both agile and waterfall development techniques.

Skilled in Understanding and documenting the interface software requirements between the application, database and other interface applications.

* Defining the application, system, and technical architectures for significant areas of development.
* Experience in evaluation of business needs and determining how IT can support those needs leveraging software or infrastructure.

Able to communicate effectively with both technical and non-technical project stakeholders.

* Experienced with front-end development with back-end system integration.

# Skills

Selenium WebDriver/IDE, HP Quality Center/ALM, Cucumber, SOAP UI , Ready API 

Java, JavaScript, HTML, XML, UNIX Shell scripting, Groovy Scripting PHP, Oracle SQL programming

Design process

Maven, npm, Ant, SonarCube, Jenkins, WebSphere, WebLogic, Selenium Stakeholder relationship management

JIRA, HP Quality Center/ALM

Very Good

Good Very Good Excellent

Excellent Very Good Excellent

# Work History

**Jun 2015 -**

**Current**

**Jun 2011 -**

**Dec 2013**

## Senior QA Automation Engineer

*Kaiser Permanente, Pleasanton, CA*

* + Worked in from the scratch of four various Projects” **Payment Integration Engine, Consumer Payment Connect, Miscellaneous Payment Connect, Financial Impact Utility**” at the same time for healthcare client.
	+ Designed and Developed the Test cases to automate the APIs/Services.
	+ Reviewed test plans, test cases and test scripts to ensure consistency with strategic direction, goals and objectives of QA resources working on the project with Agile SCRUM methodology.
	+ using soap & rest based webservices, spring batches for scheduled jobs execution.
	+ Created test cases, Groovy scripts based on functional

specification, prepared test data for simultaneous and combined Trade testing.

* + Was recognized with multiple awards during the complete duration for commitment and excellence.

## Programmer Analyst

*Cognizant Technology Solutions India Private Ltd, Banglore, India*

**Projects:** Non-Compliance Software's Detection tool, Instructor Lead Authoring Tool, EPUB Publisher for ILT Authoring Tool & My Danaher Data Interface.

* Developed Common dll component to read the XML file which has configuration details
* Designed and developed data mapping solution using ASP.Net MVC 4.0, C#.Net and jQuery
* Used Asynchronous JavaScript and XML (AJAX) technology with several controls in the applications for the better performance.
* Developed High-Level Architecture diagrams (using MS Visio) for Management Presentation.
* Closely Worked with QA team in developing Test Plans and strategies.
* Handled Exceptions using Exception Handling Application Blocks.

# Education

**Jan 2014 -**

**May 2015**

**Jul 2007 -**

**May 2011**

## Master of Science: Computers & Information Sciences

*University of Michigan - Flint - Flint, MI*

## Bachelor of Technology: Information Technology

*VIT University - TamilNadu*