



## Dhanakodi Prabhu A

E-mail: dhanakodi.eee@gmail.com

Mobile: +91 9035033997

Bellandur, Bangalore -560035.

## Experience Summary

- Automation Professional with close to 9 years of experience in IT encompassing a wide range of skill set in various domains working for a startup with 4 years of Devops background.
- Prolonged experience in Cloud Computing industry and exposed to multiple cloud platforms both public and private like AWS, GCE, Vmware, HP, OpenStack, Azure Public/Private Clouds. Worked on cross cloud, cloud agnostic, cross platform PaaS/SaaS layer modules for continuous integration, life cycle management, monitoring, access and visualization of multi-tier applications.
- Having experience in both API testing and UI testing for the web applications, expert in selenium using python, REST api testing using pytest with jinja2 templates
- Worked on Installer creation tools such as Inno setup for windows and Makeself for Linux.
- Good experience in helping the development team by providing a proper analysis of the defect observed.
- Worked in JIRA, Jenkins pipeline jobs, Fittesse, IZ Pack, Quality Center, Kubernetes and Helm
- Having a Good knowledge in preparing automated reports for Test Artifacts.
- Well-versed and have a good operational knowledge in SDLC and STLC Process.
- Having work experience in both Automation test tools and manual test methods.
- Involved in all activities of complete QA cycle from the initial requirements phase to post-production testing
- Worked with culturally diverse, geographically distributed teams as well as an individual contributor. Very comfortable working in corporate, small startup and as a freelancer.

## Education and Certifications

- Completed **Bachelor of Engineering** in Electrical and Electronics from Adhiyamaan Engineering College/Anna University during 2005 – 09
- Completed **ISTQB Foundation level** (external) certification from Indian Testing Board on Jan 2012
- Completed Pegasystems **CMBB (Certified Methodology Black Belt)** Exam on Dec 2013

## Technical Skills

Hardware / Platforms	Windows, Linux flavors Ubuntu, centos
----------------------	---------------------------------------

<b>Scripting Languages</b>	Python3, bash, pytest, selenium
<b>Cloud Platform</b>	Amazon EC2, Openstack, VMWare, HP Cloud, Windows Azure
<b>Tools Used</b>	JIRA, Jenkins pipeline jobs, Fitnesse, IZ Pack, Quality Center, Kubernetes and Helm, Jacoco

## Relevant Project Experience

Organization: **Software Engineer IV at Cisco Systems India Pvt Ltd, Bangalore, India (May 2016 – Present)**

Organization: **Sr QA Engineer at CliQr Technologies India Pvt Ltd, Bangalore, India (APR 2014 – Present) – Acquired by Cisco**

### Product Description

CliQr is startup based out of Santa Clara, California and having branch in Bangalore office. CliQr provides a hybrid cloud management platform – CloudCenter™ – that enables businesses to quickly and efficiently migrate, manage and govern a variety of applications, new or existing, onto private, public or hybrid cloud infrastructures without lock-in to any particular cloud.

CloudCenter™'s unique technology masks the complexity of underlying cloud infrastructures providing users an intuitive and application centric dashboard for managing the entire lifecycle of an application on a cloud, including on-boarding, benchmarking, deployment, and on-going runtime management.

### Project #1

*Project Title Cloudcenter – cloud management platform*

<b>Client</b>	Cisco Cloudneter
<b>Duration</b>	4 years (ongoing)
<b>Location</b>	India
<b>Role</b>	QA and Devops
<b>Automation Tool</b>	Jenkins, Cli tools, water-webdriver

### Roles:

#### QA Activities:

- Involved in development of new Automation Framework using selenium and python for UI testing and API test framework using requests module and jinja2 template
- Periodic Maintenance and enhancement of Automation scripts for every release lifecycle and End to End Testing of CliQr Application for Regression.
- Involved in manual testing of the new features and enhancements to the products.
- JIRA has been used as the Defect Management tool.
- Worked in maintenance of Ruby based Rest Api automation framework using RestClient gem

and integrated UI framework using Watir webdriver and page object gems

#### DevOps Activities:

- Involved in end to end release activities, familiar with maven configuration
- As part of Continuous Integration, extensively used Jenkins for automating the build runs, code deployment and running automation cases periodically, Maintenance of Build Server and uploading build artifacts in amazon s3 bucket. Also integrated Git Server with jenkins using plugins and generated reports with jelly scripts
- Maintaining the internal website which automates the process of creating of Images and extracting iso files in various cloud platform for client deployments.
- Worked in various public clouds such as Amazon, Azure, Rackspace, Softlayer, Hpcloud, Google and private clouds like vmware and Openstack. Also worked in all the command line Interfaces for all the clouds.
- Creation and maintenance of Linux and Windows Installers.
- Have working knowledge in Ubuntu, Centos, RHEL, windows.
- Tools maintenance and configuration of Nessus, SonarQube, Openssh windows server, basic of apache, nginx, sensu.

Organization: **Consultant BPM at Cognizant Technology Solutions, Bangalore, India (DEC 2009 – MAR 2014)**

#### *Project #2*

*Project Title    Farmers FBIE Automation*

<b>Client</b>	A Leading US Insurance Company
<b>Duration</b>	3 Months (ongoing)
<b>Location</b>	India
<b>Role</b>	Automation Tester
<b>Automation Tool</b>	WATiR using CUCUMBER with WATIRCRAFT framework
<b>Application automated</b>	Pega PRPC 5.3

#### Project Objective

Farmers Commercial Lines IT offers commercial policy system called “Farmers Business Insurance Express” which follows 3 tiers architecture. The Front end and back end are based on PRPC 5.5 and Mainframe respectively and IBM Web sphere HATS serves as the intermediary system between them. Main objective is to maintain the Regression suite using Automation scripts using WATIR

## Project Description

WATiR stands for Web Application Testing in Ruby it is built on watircraft framework integrated with the CUCUMBER tool using the scripting Language: RUBY

## Responsibilities

- Impact Analysis by new CR's for each releases
- Batch Execution of all scripts for monthly release.
- Updating of Scripts for new enhancements
- Involved in preparation of Daily/Weekly Status Reports.
- Generation of Feature File for Cucumber
- Defect management using Quality Center 11
- Maintain the Test Artifacts and Metrics

## Project #3

*Project Title    Capital One - MGS Re-platform*

<b>Client</b>	Capital One Financial Corp - USA
<b>Duration</b>	13 months
<b>Location</b>	India
<b>Role</b>	Test Lead
<b>Application</b>	Oracle Fusion Middleware (BPM ADF)

## Project Objective

Capital One Financial Corp. is a U.S.-based bank holding company specializing in credit cards, home loans, auto loans, banking and savings products. A member of the Fortune 500, the company helped pioneer the mass marketing of credit cards in the early 1990s, and it is now the fourth-largest customer of the United States Postal Service and has the sixth-largest deposit portfolio in the United States.

## Project Description

Model Governance System (MGS) is the official system of record for all model documentation and sign-offs for models under Policy 5001. MGS is a workflow tool combined with a repository of statistical model meta-data that is used by the Credit Risk Management organization and by the systems which may require an inventory of statistical models. The system addresses all aspects of gathering data used for model management as well as gathering data that is part of the model itself. MGS helps the Model

Owners follow the governance process in Capital One. It is a task driven workflow tool combined with a model repository.

#### Responsibilities

- Preparation of Test Plan & Test Strategy Documents for new developments
- Design, Review, Validate and verify test cases and test executions.
- Defect Analysis and coordination with development team
- Involved in preparation of Daily/Weekly Status Reports.
- Managing a group of 6 member team.
- Involved in Database testing in Oracle 11g

#### Project #4

##### Project Title *FBIE -AIT*

<b>Client</b>	Farmers Insurance Company
<b>Duration</b>	30 months
<b>Location</b>	India
<b>Role</b>	Tester
<b>Application</b>	Pega 5.0 & Pega 5.5, PMF PAL and Tracer
<b>Test Management tool</b>	Mercury Quality Centre

#### Project Objective

Farmers Commercial Lines IT offers commercial policy system called “Farmers Business Insurance Express” which follows 3 tiers architecture. The Front end and back end are based on PRPC 5.5 and Mainframe respectively and IBM Web sphere HATS serves as the intermediary system between them.

#### Project Description

FBIE application involved testing various line of business which includes Auto Monoline, Workers Compensation, Retail Services, Real Estate, Habitation, Institutional, Manufacturing, Wholesale, Auto Services, Hospitality, Artisan Contractor, Restaurant and Umbrella. The end to end process covers the New Business Quote creation, issuing Policy endorse the issued Policy.

#### Responsibilities

- Involved in Requirement Walkthrough's
- Designed Test Strategy Test Cases based on the requirements.
- Involved in 3 phases of testing system integration testing, Functional testing and Regression testing
- Defect Management using Quality center
- Captured Test metrics, defect/observation trends and communicated those to the stake holders.
- Good experience in using the tools like clipboard, tracer, PAL

As value add to the project

- Developed macro for daily status
- Developed Data Retriever tool for prioritizing off testing scenarios for each release.