



# Medel G. Vecina



10 years in a Leadership Role.

17 years in Software QA and Automation Testing.

## SKILLS & QUALIFICATIONS

Agile Methodology	Scrum	Kanban	STLC	SDLC
Implementing Test Policy & Guidelines	Test Plan	Test Strategy	Zephyr	
Defect Workflow	JIRA	HP ALM	IBM RTC	TFS
Redmine				
MySQL	PostgresSQL	Unix	Linux	Device Farm
Point-Of-Sale				
REST & Web Socket Test	JMeter	Postman	SoapUI	Performance Test
Cyber Security Platform	Web-based App	Mobile Banking App	Smart Card	
Embedded System	Online Casino Games	Design Test Automation Framework		
Selenium	TestNG	Cucumber-Gherkin	HP UFT	IBM RFT
Nighthatch.js				
Robot Framework	Appium	Cypress	Jenkins	Github Actions
CI/CD				

## WORK EXPERIENCE



### Head of QA

ADVANCE INTELLIGENCE GROUP | Makati City, PH | AUG 2022 – MAR 2023

#### Project: Mobile Banking App (Closed Due to Banking License)

- Provide leadership and technical expertise within test automation using Robot Framework and Appium for mobile app testing for both iOS and android in an on-prem device farm, Postman for API tests, JMeter for load and rate limit tests, and Github actions for CI/CD release pipelines.
- Responsible for streamlining the QA policies, processes, and procedures necessary to achieve and maintain QA standards.
- Develop and manage testing schedules, ensuring the QA team meets expectations and deadlines.
- Participate with C-level executives and other senior managers to establish quality strategic plans and objectives.
- Involved in technical meetings with development and business to evolve the right testing strategies with the underlying focus on assessing high-risk areas of the application.
- Responsible for the development/implementation of the application quality strategy plan in compliance with the Central Bank of the Philippines' requirements.
- Focus on continuous QA improvements including the usage of appropriate testing tools, test techniques, and test automation.



### Automation QA Manager (Promoted)

ARCHAX | Makati City, PH | JAN 2022 – AUG 2022

#### Project: Digital Securities Exchange Platform

- Established, implemented, and improved QA test procedures, processes, and quality standards in accordance with overall development and product releases.

+ 63 (917) 634 8632  
medel.vecina@gmail.com  
Makati City, PH  
linkedin.com/in/medel.vecina  
github.com/mvecina25  
meds-personal-website.  
streamlit.app

## EDUCATION

CENTRO ESCOLAR UNIVERSITY  
Bachelor of Science in Commerce  
Major in Computer Science and  
Information System.  
2002 – 2006

## HOW CAN I HELP?

Software Quality Assurance  
& Testing

Project Planning

Team Management

Automation Framework,  
Development, & Testing

Performance Testing

## SKILLS

### CODING

➤ Java	
➤ JavaScript	
➤ Python	
➤ VBScript	
➤ C#	
➤ HTML	

## SKILLS & TOOLS

### AUTOMATION FRAMEWORK

- TestNG
- Selenium WebDriver
- Cucumber-Gherkin
- Robot Framework
- Hybrid
- Data-Driven
- Keyword-Driven
- Modular Based
- Business Process Testing
- BDD

### DESIGN PATTERN

- Page Object Model
- Page Factory

### API TESTING

- Postman
- SoapUI
- JMeter
- TestNG & Java

### CONTAINER PLATFORM

- Docker

### DATA STREAM PLATFORM

- Kafka, Ably

### PERFORMANCE TESTING TOOL

- Visual Studio Load Test
- HP LoadRunner
- JMeter
- GTMetrix

### PROJECT MANAGEMENT & BUG TRACKING TOOLS

- HP ALM
- IBM RQM, RTC, RRC
- Redmine
- Smartsheet
- Jira
- Trello
- Request Tracker
- PVCS Tracker
- Team Foundation Server
- TestLink
- Zephyr

### CONTINUOUS INTEGRATION

- Jenkins, Github Actions

### VERSION CONTROL

- GIT, SVN, Mercurial, CVS

### SSH CLIENT

- Mputty, WinSCP, Cygwin

### VIRTUALIZATION

- VMware, RedHat RHEV
- Hyper-V

- Supervised and led 6 Automation Engineers to build test libraries and increase automation coverage using different automation tools such as Cypress, JMeter, Postman, and Cucumber-Gherkin.
- Research new technologies, and multi-tasking on multiple projects with other team members.
- Follow software development processes and testing conventions, using Agile/SCRUM principles and working closely with other QA Engineers, Development Leads, Developers, and Scrum Masters.
- Analysed and designed test plans and cases, step definitions, and feature files.
- Break down detailed specifications and implement testing requirements based upon the needs of the Product team, Stakeholders, and Clients.
- Contribute ideas to improve the testing process and overall development practices.
- Work with the Scrum Master and Development Leads to coordinate within Scrum meetings with the Product team/Stakeholders, ensuring all relevant information to the QA team and projects are shared and discussed.



### Senior Test Automation Engineer

ARCHAX | Makati City, PH | AUG 2021 - JAN 2022

#### Project: Digital Securities Exchange Platform

- Designed feature files and step definitions to satisfy user stories and feature requirements utilizing a BDD approach using Cucumber Gherkin with VSCode.
- Participated in sprint activities, test preparation, create manual/automated test scripts.
- Built CI pipelines with Jenkins, Bitbucket, JMeter, and Zephyr for API testing.
- Wrote JMeter scripts for REST and Websocket API testing



### Senior Test Automation Solutions Engineer

TRUEFORT | BGC, Taguig City, PH | JULY 2020 - AUG 2021

#### Project: Cyber Security Platform

- Setup, configured, and installed the application under test in the QA Environment.
- Implemented automation in every setup, config, and installation using Bash script.
- Built and maintained automation scripts using Nightwatch.js for UI testing.
- Continuous integration and regression automation testing using Jenkins.
- Built and maintained JMeter scripts for API testing.
- Maintained shell scripts and frequently execute them for System Tests.
- Our tests include running network, process, file scan, cpu, memory, nic, package, and all other metrics commands to all windows and linux flavours to make sure that appliance identifies anomalous behaviour, risks, and active threats, and shuts them down.



### Deputy QA Manager

WTECH SOLUTIONS INC | Makati City, PH | MAY 2018 - JULY 2020

#### Project: Online Casino

- Managed and led QA team of 40 members, delivering on an average of 5 projects in a monthly release cycle.
- Set monthly KPI for the team and conducted training sessions as needed.
- Collaborated with Project Management to ensure clearly defined user stories, product definition and acceptance criteria.
- Created schedule estimates and resource plans, assess and communicate risks based on complexity, resource and timeline constraints.
- Defined and implemented quality standards, processes, and procedures that ensure the highest quality of applications.
- Led the development of requirements for analyzing & selecting QA tools, specifically automated solutions.
- Designed, implemented, and managed the overall automation framework and effort on all the products and features using Robot Framework, Selenium WebDriver, and Sikuli library using PyCharm and API testing using Postman.
- Designed, implemented, and managed the overall performance testing using HP LoadRunner and JMeter.

## TRAININGS & CERTS

- ITIL 2011 Foundation Certified  
November 2019  
Eco Plaza, Makati
- Incident Management Process & Problem Management  
Process Training  
November 2019  
Eco Plaza, Makati
- Project Management Skills  
July 2017  
Guthrie Jensen, Makati
- Persuasive Presentation  
Workshop  
April 2017  
Infinity Tower Suites, Makati
- UFT Automation 101  
April 2017  
Gemalto, Philamlife Makati
- Best Practices in  
Software Testing and  
Software Quality Management  
October 2015  
Active Learning, Greenhills
- Smart Card Basics, Global  
Platform, Cryptography Basics  
May 2013  
Gemalto, Singapore
- Software Testing  
Fundamentals  
August 2009  
SGS, Citibank Tower, Makati
- Linux  
February 2005  
STI, Cubao Q.C.



### Validation Leader (*Promoted*)

GEMALTO | 📍 Makati City, PH | 📅 MAY 2013 - MAY 2018

#### Project: Smart Cards

- Assigned tasks, set design review meetings, and ensured team members' understanding of requirements and proposed design.
- Undergone one-month training and handled a project in PA, USA.
- Undergone two months of training and handled a project in Singapore.
- Created and executed test scripts for API testing using SoapUI.
- Managed a team of four consisting three developers and a QA.
- Created a hybrid automation framework which composes of modular, data-driven, and business process testing framework with HP UFT.
- Used HP ALM to execute automation scripts, create test cases, log defects, create requirements, map requirements to the test cases, and create reports.
- Involved in the UI design, development, and testing using Visual Studio 2015.
- Maintained automation scripts using IBM Rational Functional Tester.
- Created, managed, and maintained suites of test cases for the software in RQM.
- Created a test automation framework using hybrid framework which composes of modular, and data-driven using Jubula and Selenium IDE.
- Maintained Red Hat (RHEV-M) and System Administrator for all the tools servers such as SVN, Signing Server, IBM Server.
- Set up Jenkins server, build jobs to provide continuous automated builds and check build failures.
- Created and maintained windows installer using NSIS.



### Software Test Engineer

VERIFONE SYSTEMS INC. | 📍 BGC, Taguig City, PH | 📅 JAN 2011 - MAY 2013

#### Project: Payment Devices and POS System

- Developed and maintained automation scripts using Python.
- Worked on a test automation framework using library architecture testing framework.
- Wrote, updated, and executed test cases during system tests and regression tests using different credit cards, debit cards, customer cards, fleet cards, as well as contactless.
- Applied quality principles in software inspections, verifications, and validations.
- Ensures test environment is ready, test tools, test card, and test data are available.
- Responsible to report defects and/or failures detected using PVCS Tracker.



### Test Automation Specialist

SGS GULF LIMITED ROHQ | 📍 Makati City, PH | 📅 AUG 2007 - DEC 2010

#### Project: Business Process Web App

- Analyzed the response times of the business transactions under load using VS Load Test.
- Developed and maintained automation scripts using Visual Studio Test Edition.
- Actively contributed in preparing the test plan and wrote test cases according to the business requirements or risk analysis.
- Ensure in-depth regression testing is performed and scripts are up to date.
- Developed and maintained automation scripts using Rational Functional Tester.
- Created a test automation framework using a hybrid framework which composes of modular-based and data-driven frameworks.
- Responsible to report defects and/or failures detected using Request Tracker.



### Test Engineer

CANON INFO. TECH. | 📍 Eastwood, Q.C., PH | 📅 DEC 2006 - MAY 2007

#### Project: Single and Multi-Functional Printers

- Performance testing on actual printers to determine how fast some aspect of a system performs under a particular workload
- Verifying whether a product meets its design and functional specifications.
- Performed the accurate paper feed of the printer using a simulator and tested if there was a segmentation fault that occurred.
- Re-running previously run tests and checking whether previously fixed faults have re-emerged.
- Generated test data using different printer devices for compatibility testing.