

# MELLOMAR G. OTARRA, CTFL-ISTQB

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## SUMMARY

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I'm a Senior Testing and Quality Assurance Engineer with 15+ years of experience in software testing and automation—skilled in the full QA lifecycle, from building robust test frameworks to streamlining CI/CD and ensuring quality across web, mobile, and enterprise applications.

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## CORE SKILLS AND TOOLS

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### Test Automation & Frameworks

- Robot Framework (Selenium, Appium, Request, Database)
- XPath
- Bash & Python scripting
- Jenkins CI/CD
- Postman (API Testing)
- JMeter (Load/Stress Testing)

### Testing Types

- Manual Testing & Automated Testing
- Regression, Smoke, Sanity, and UAT Testing
- Automated Visual Regression Testing
- Cross browser, and Responsive Testing
- Accessibility Testing

### Test Management & Collaboration

- Test Plan & Test Case Design
- Agile/Scrum Methodology
- Defect Tracking: JIRA, Azure DevOps

- Test Reporting & Metrics Presentation

### Front, Backend & Database

- MySQL, PostgreSQL
- MongoDB
- HTML, CSS & JavaScript
- Django

### Tools & Platforms

- Git, SVN
- Drupal CMS Testing
- API Testing (Postman, Swagger)
- Linux / Unix / Mac
- MS Office Tools (Word, Excel, PowerPoint)

### Soft Skills

- Team Leadership & Mentoring
- Cross-functional Collaboration
- Process Improvement
- Root Cause & Defect Escape Analysis

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## PROFESSIONAL EXPERIENCE

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### QA Developer

Digital Convergence

Kamloops, British Columbia Canada

November 2023 – Present

- Collaborated with developers to review requirements and assess testability.
- Created test plans and executed both manual and automated test cases using Robot Framework (Selenium).
- Performed smoke, regression, UAT, and accessibility testing (WCAG 2.1 AA) on Drupal-based components.
- Set up test infrastructure on Ubuntu servers and maintained CI/CD integration.
- Tracked and managed defects using JIRA; provided detailed test reports to stakeholders.
- Actively contributed to the continuous improvement of QA processes and methodologies.

### **Senior Software QA and Test Engineer**

ID Lynx Ltd.

Calgary, Alberta, Canada

August 2022 – November 2023

- Collaborated with developers to review requirements and assess testability.
- Developed test plans and executed manual and automated test cases for web and mobile (iOS/Android) apps.
- Conducted smoke, sanity, regression, UAT, and accessibility testing (WCAG 2.1 AA).
- Logged and tracked defects using JIRA and Azure DevOps; shared detailed reports with stakeholders.
- Built and maintained automation scripts using Robot Framework (Selenium); reviewed code before production.
- Set up automation infrastructure on Ubuntu servers and managed CI/CD integration.
- Participated in Agile ceremonies and contributed to QA process and performance testing improvements.

### **Senior QA Lead**

Paramount Software Solutions, Inc.

Alpharetta, Georgia USA

February 2020 – August 2022

- Collaborated with developers to review requirements and assess testability
- Created test plans and executed manual/automated tests for web and mobile (iOS/Android) apps
- Performed smoke, sanity, regression, UAT, performance, and accessibility testing (WCAG 2.1 AA)
- Logged and tracked defects using JIRA and Azure DevOps; shared test reports with stakeholders
- Built and maintained automated test scripts using Robot Framework (Selenium); reviewed code pre-release
- Set up test infrastructure on Ubuntu servers and managed CI/CD integration
- Participated in Agile ceremonies and contributed to QA process improvements

### **Test Architect**

Easy Media / Expert College

Cebu City, Cebu, Philippines

October 2018 – February 2020

- Designed and maintained manual and automated test cases for web and mobile (iOS/Android) apps.
- Created test plans and executed smoke, sanity, regression, and UAT testing.
- Built automation frameworks using Robot Framework and tested APIs with Swagger and Postman.
- Set up test infrastructure on Ubuntu servers
- Led sprint planning and grooming sessions.
- Generated detailed test reports for the team and clients.
- Design and implement mock servers to simulate the upload of massive datasets (medical records, imaging results, and other healthcare data).
- Conduct performance, stress, and load testing to evaluate how software interacts with hardware under heavy workloads.
- Monitor and analyze system resource utilization (CPU, memory, storage, network throughput) during test executions.

### **Lead QA Engineer**

Metron Innovations Group

Cebu City, Cebu, Philippines

February 2017 – March 2018

- Designed and maintained manual and automated test cases for web and mobile applications.

- Built test automation frameworks using Robot Framework, Appium, and Selenium.
- Created test plans, executed smoke, regression, and UAT testing.
- Managed test infrastructure and Jenkins CI/CD on Ubuntu servers.
- Reviewed automation code, verified data using MySQL Workbench, and generated reports for the team and CEO.

### **Web QA Manager**

Promet Source, Incorporated

Cebu City, Cebu, Philippines

April 2015 – March 2017

- Mentored QA team on processes, tools, and goal achievement; provided performance feedback.
- Designed and maintained manual and automated test cases for Drupal web and mobile apps.
- Built and maintained automation frameworks using Robot Framework, Appium, and Selenium.
- Created test plans and supported smoke, regression, and UAT when needed.
- Managed Ubuntu cloud environments, SSO testing (Apple, Google, FB), and accessibility testing (WCAG 2.0 AA).
- Set up Jenkins CI/CD pipelines, automation infrastructure, and generated reports for leadership.
- Reviewed automation code before repository commits.

### **Platform Developer/Scrum Master/ Area Test Owner**

Tieto Global Oy

Cebu City, Cebu, Philippines

July 2012 – April 2015

- Designed and maintained manual and automated tests for Nokia Siemens' B/OSS systems using Robot Framework.
- Developed test plans and executed smoke, sanity, regression, and UAT testing.
- Handled Linux runtime, disaster recovery, and RedHat security fixes using Bash, Perl, and Python.
- Verified Oracle database integrity with native queries; managed Jenkins CI/CD and test infrastructure.
- Led scrum ceremonies, root cause, and escape defect analysis.
- Reviewed Git commits, maintained virtual environments, and applied security patches.
- Designs and executes test plans to ensure software runs correctly across different hardware setups.
- Validates compatibility with CPUs, GPUs, memory modules, storage devices, and peripheral hardware.
- Works closely with developers to report hardware-specific bugs.

### **Software Test Engineer**

Lexmark Research and Development Corporation

Cebu City, Cebu, Philippines

July 2010 – July 2012

- Developed and maintained manual and automated test cases for various Linux/Unix platforms (RedHat, Ubuntu, AIX, etc.) using Bash and Python.
- Performed smoke, sanity, regression, and UAT testing; created and maintained test plans.
- Contributed to the Linux Virtualization Framework and reviewed automation code in SVN.
- Collaborated with QA, developers, and external stakeholders in a fast-paced environment
- Develops and executes test plans to verify that printer software drivers function properly across diverse hardware configurations.
- Ensures compatibility with processors, graphics units, memory, storage, and peripheral devices.
- Collaborates with developers to identify, document, and resolve hardware-specific issues.

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## Certifications

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### **Certified Tester, Foundation Level – ISTQB**

Number: 23-CTFL-01968-USA

June 09, 2023

### **Scrum Fundamental Certified – Scrum Study**

Certificate ID: 62299

July 28, 2014

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## Educational Background

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### **Bachelor of Science in Computer Engineering**

University of Cebu

June 2004 – May 2009