

# Jayson Panganiban

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## PRINCIPAL TEST ENGINEER

Experienced Principal Test Automation Engineer with a successful history of crafting robust automation solutions. Demonstrated specialization in developing customized frameworks across diverse industries. Proficient across a broad spectrum of automation tools such as Selenium, Playwright, and Robot Framework. Expertise includes performance testing with a keen focus on scalability and responsiveness, utilizing tools like LocustIO and K6. Skilled in Python for automation scripting and tooling. Acknowledged for leadership in championing best practices, cultivating teamwork, and streamlining QA processes to achieve top-tier software solutions.

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## Contact

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[Github](#)  
[LinkedIn](#)

## Skills

### Certifications:

CFTL  
Automation Specialist  
Test Design Specialist

### Testing:

Automation testing  
Performance testing  
API testing  
Desktop Automation  
Manual testing

### Automation:

Selenium  
Playwright  
Robot Framework  
Puppeteer  
Behave  
Cucumber  
Specflow  
Gauge IO  
WebdriverIO  
PyTest

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## Experience

### SENIOR CONSULTANT – TEST ANALYST DATACOM

Oct 2022 – Present

As a Test Automation Consultant deployed within an insurance company, my responsibilities include:

- Designing and developing tailored test automation frameworks for insurance applications, addressing specific needs like policy management, claims processing, and underwriting systems.
- Implementing automated testing solutions to ensure reliability, accuracy, and scalability of both frontend user interfaces and backend services.
- Employing Ruby-based Behavior-Driven Development (BDD) methodologies to design and implement automated test frameworks.
- Testing outbound policy and claims documents to ensure accuracy and compliance with regulatory standards.
- Collaborating with diverse teams, including developers, business analysts, and quality assurance professionals, to seamlessly integrate automated testing processes into the software development lifecycle and create detailed documentation of automated test scripts, cases.

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Tosca  
HP ALM

**Performance:**

LocustIO  
Jmeter  
K6

**Coding**

Python  
JavaScript  
TypeScript

**Development:**

ReactJS  
HTMX  
TailwindCSS  
ExpressJS  
FastAPI  
Uvicorn  
Jinja2  
Git

**Devops:**

Jenkins  
Docker  
Unix  
Kubernetes  
AWS

**Tools:**

Markup Language  
(JSON, XML, YAML)  
Postman  
SoapUI  
JIRA  
Chrome DevTools

**Others:**

Web Scraping  
Service Configuration

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**SOFTWARE ENGINEER IN AUTOMATION PLANIT TESTING**

Jan 2020 – Sep 2022

As a Test Automation Consultant deployed within a bank, my responsibilities include:

- Designed and implemented robust test automation solutions tailored to the banking sector, specializing in payment systems encompassing both backend and frontend functionalities.
- Utilized Tosca as the primary tool for test automation, ensuring comprehensive coverage of payment system functionalities and adherence to industry standards.
- Conducted thorough analysis and testing of payment systems, including transaction processing, fund transfers, and reconciliation procedures, to ensure reliability, accuracy, and compliance with regulatory requirements.
- Developed and executed automated test scripts for frontend user interfaces and backend services, focusing on functional testing, regression testing, and end-to-end transaction flows.
- Collaborated closely with cross-functional teams, including developers, business analysts, and quality assurance professionals, to integrate automated testing processes seamlessly into the software development lifecycle.

**PRINCIPAL TEST AUTOMATION BNC DIGI**

Apr 2019 – Jan 2020

As a Test Automation Consultant working in a Crypto company, my responsibilities include:

- Implemented test automation solution for Crypto projects such as a Crypto as a Service, and others.
- Created performance test solutions for Crypto projects (NFT, Trade, etc), utilizing LocustIO, k6, docker, AWS, to meticulously evaluate scalability, responsiveness, and throughput, optimizing system performance and user experience.
- Developed comprehensive test automation solutions for Crypto projects, employing a BDD approach and utilizing

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## Education

Bachelor of Science in

Computer

Engineering

Lyceum University

- Python along with other test frameworks (PyTest, Behave, RobotFramework, etc).
- Coordinated closely with Tech Leads, Architects, and Managers to assess and improve the performance of crypto services.
- Conducted knowledge transfer sessions to empower Quality Assurance teams with expertise in test automation tools, methodologies, and best practices.
- Performed code reviews across multiple projects to ensure adherence to coding standards, quality guidelines, and best practices.
- Managed Continuous Integration/Continuous Delivery (CI/CD) pipelines and maintained test environments.

### TEST ARCHITECT CWT

Jun 2015 – May 2019

- Developed test automation solutions and frameworks tailored for a corporate travel company, ensuring comprehensive testing of its functionality and adherence to quality standards.
- Performed performance testing initiatives for several services across multiple projects, utilizing industry-leading tools and methodologies to assess scalability, responsiveness, and reliability.
- Conducted thorough code reviews and provided constructive feedback to ensure adherence to coding standards, quality guidelines, and best practices, thereby enhancing the overall code quality and maintainability of testing solutions.
- Authored test automation scripts for both backend and frontend systems, employing a variety of programming languages and frameworks to validate system functionality and user interfaces.
- Facilitated training sessions to empower team members with expertise in test automation tools, methodologies, and best practices, fostering skill development and knowledge sharing within the organization.
- Created proof-of-concept (POC) projects to explore and demonstrate the feasibility of test automation solutions for various projects, leveraging innovative approaches and technologies to drive efficiency and effectiveness in testing processes.

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### **TEST LEAD FINASTRA**

Jul 2011 – Apr 2015

- Provided leadership and management to the payment test team, overseeing all aspects of testing activities related to payment systems.
- Wrote, executed, and supervised both manual and automation tests to ensure the reliability and accuracy of payment processing systems.
- Mentored QA team members, providing guidance and support to enhance their skills and proficiency in testing methodologies and tools.

### **SOFTWARE ENGINEER ACCENTURE**

Apr 2010 – July 2011

- Developed automated tests using HP ALM, ensuring comprehensive test coverage and adherence to quality standards.
- Executed tests, both manual and automated tests
- Collaborated with cross-functional teams, including developers, business analysts, and quality assurance.
- Reviewed code and provided constructive feedback to ensure adherence to coding standards, quality guidelines, and best practices.

### **TEST ANALYST SL TEMPS**

Apr 2009 – Apr 2010

As a consultant working in a Petroleum company, my responsibilities include:

- Provided second-level test support for Retail systems, encompassing Point of Sale (POS), Back Office System (BOS), Electronic Funds Transfer (EFT), and Electronic Payment Systems (EPS).
- Conducted thorough testing, investigation, and resolution of issues arising within the Retail systems.
- Collaborated closely with other testers, developers, business analysts, and managers to address and resolve issues efficiently, contributing to the overall improvement of system reliability and performance.