

ABOUT

SDET and test automation engineer with 9 years building maintainable test frameworks, API validation suites, CI/CD quality gates, and cloud-backed test infrastructure. Strong in Python, Java, TypeScript, Playwright, pytest, Postman/Newman, Jenkins, GitHub Actions, AWS, Docker, and Linux.

EXPERIENCE & SKILLS

EMAGINE CONSULTING QA AUTOMATION ENGINEER -- PHILIP MORRIS INT'L  Feb 2025 -- Dec 2025  Montréal, QC

- Built UI/UX test suites in Playwright and Selenium for React/TypeScript apps covering device registration, authentication, and multi-locale flows on a connected-device platform.
- Integrated Claude and GPT-4 to auto-generate and expand test cases, cutting manual authoring time by 60% and scaling coverage without adding headcount.
- Embedded suites into Jenkins pipelines with quality gates; partnered with developers during sprint planning to front-load defect detection before stories reached staging.

UI Automation
PLAYWRIGHT • SELENIUM
Languages
TYPESCRIPT • JAVASCRIPT • PYTHON
CI/CD
JENKINS • GITHUB ACTIONS
AI Testing
CLAUDE AI • GPT-4

EMAGINE CONSULTING QA AUTOMATION ENGINEER -- CARLSBERG  Apr 2024 -- Jan 2025  Montréal, QC

- Led shift from a predominantly manual test suite to Playwright and pytest automation; built reusable test modules covering UI regression, access control, and multi-market localization.
- Validated REST API integrations, authentication flows, and role-based access controls; defined test strategies across global delivery teams and delivered quality reports to stakeholders.
- Reviewed user stories and technical documentation to provide early testability feedback; maintained test case libraries updated to reflect evolving product requirements.

Automation
PLAYWRIGHT • PYTEST
API Testing
REST • POSTMAN • SWAGGER
Languages
PYTHON • JAVASCRIPT
Tools
JIRA • CONFLUENCE

GLYPHKNIT SOLUTIONS LLC OWNER | QA & SDET CONSULTANT  Feb 2023 -- Mar 2024  Montréal, QC

- Built Playwright and Cypress E2E frameworks from scratch on Linux-based AWS infrastructure; used CLI tooling and SSH for server-side defect investigation and environment validation.
- Designed REST API test suites in Python (Postman, Requests); validated microservice integrations, data flows, and access control policies across AWS and Azure services.

Automation
PLAYWRIGHT • CYPRESS • PYTHON
Infrastructure
AWS • DOCKER • LINUX

REVELATE CORP QA ANALYST | SUPPORT ENGINEER  Mar 2019 -- Dec 2022  Montréal, QC

- Built Python and Java test suites for a multi-tenant financial data storage platform; automated ingestion, data integrity checks, and access control validation, cutting manual effort by 80%.
- Developed 200+ Postman API collections for REST endpoints handling payment data and business rules; automated execution via Newman in Jenkins replacing a manual regression cycle.
- Wrote MySQL and Pandas scripts to verify data accuracy, consistency, and business logic; identified data corruption and transformation errors before they reached production.

Programming
PYTHON • JAVA • BASH
API Testing
POSTMAN/NEWMAN • SWAGGER
UI Testing
PLAYWRIGHT
Cloud - AWS
S3 • EC2 • BOTO3 • CLI

AUDLEY TRAVEL IT SPECIALIST - SUPPORT & QUALITY ASSURANCE  Nov 2016 -- Feb 2019  Boston, MA

- Built Cucumber and SpecFlow BDD frameworks with 150+ feature files for .NET applications; collaborated with developers to write tests before code was complete.
- Developed PowerShell and Bash scripts automating Azure provisioning, permissions management, and user onboarding, eliminating 15+ hours of manual work per week.

Cloud - Azure
BOARDS • DEVOPS • REPOS • PIPELINES
BDD Automation
SPECFLOW • C# • .NET • SELENIUM

EDUCATION

HAMILTON COLLEGE BACHELOR OF ARTS  Aug 2011 -- Dec 2015  Clinton, NY

- Majored in Physics. Also studied Computer Science, Mathematics, History and Piano.