



Pavlo Barchuk

QA Engineer · AI quality systems builder

France, remote · Open to QA roles where AI is the job

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— PROFILE

I test AI products and build the agentic systems that test them, from a raw defect to deployed infrastructure. The automation, the frameworks, and the CI are written by the systems I design and direct through AI, then verified and shipped. From running my own service business, to enterprise QA, to production AI quality. The proof is not a title. It is what I have built.

— SELECTED SYSTEMS

/ 01 **Unified QA System** LIVE SYSTEM

One typed architecture across the whole QA lifecycle, run daily against a production product: requirement analysis, test design, Jira, Java and API automation, code review, CI, defect triage. Two modes, manual and automation, with hard gates enforced by shell hooks.

roles 0 → 21 agents

gates 0 → 14 hooks (9 hard)

context lost → kept

port from scratch → 1 installer

/ 02 **Gates, not suggestions** ENFORCEMENT

Quality enforced in shell hooks, not requested in prose. Nine hard-blocks, each born from a real incident, that cannot be argued away or forgotten under context pressure.

/ 03 **Meta & self-learning** THE FUTURE

A maturity auditor that grades the system itself (Iron to Platinum, 14 dimensions), an independent cross-model review, and an evening anamnesis that turns the day's work into rules, so a class of error does not surface twice.

/ 04 **The five-element signature** METHOD

Typed agents, structural gates, a single source of truth, an independent cross-model second opinion, and a self-improvement loop. The portable backbone the systems are built on.

/ 05 **The distilled form** ARCHITECTURE

A heavy system made light without losing what works: cut to the runtime core, re-architected into a thin base plus on-demand modules that cannot silently re-bloat. Keeping a large AI system both deep and lean, repeatably.

/ 06 **Five domains, yours could be the sixth** THE PROOF

The same signature stood up across five different domains (QA, sales operations, product / BA, content & research, a personal AI operating system), installed by one installer. The domain changes, the backbone does not. The form ports, and the sixth is a known path.

— EXPERIENCE

QA Engineer (contract)

Apr 2023 – present

Production AI product · remote

QA lead on a production AI product. Built an AI-driven QA system from scratch that stands up regression and API automation, designed the automation framework the team's Java suite runs on, defined release test strategy, ran quality gates and sign-offs, mentored the QA team.

QA Specialist

Oct 2021 – Jun 2025

Big Four client platform · audit & financial data

Test case design, execution and review, defect reporting, root-cause and requirement analysis. Functional, exploratory, smoke, sanity, regression, cross-browser and API testing.

QA Engineer, mobile (part-time)

Sep 2022 – Jun 2023

iOS / Android

Requirement analysis, test case design, bug reporting, weekly QA reporting, release sign-off. Push-notification and back-office testing.

Founder

Sep 2016 – Oct 2021

Service business · Kyiv

Ran all business processes end to end: customer support, service delivery, finance, strategy, sales and engineer-team training, marketing and partnerships. Operator before builder.

— SKILLS

Testing

Functional · Exploratory · Regression · User-story validation · API checks · Cross-browser · Smoke / sanity

AI quality & automation

AI-driven UI & API automation · Automation framework design · LLM evaluation · Multi-agent test pipelines · Hallucination & drift · Prompt-injection · Cross-model review · Self-improving infra

Methods

Test strategy · Quality gates · Defect lifecycle · Requirement & risk analysis · CI / CD · QA reporting

Stack

Claude / Claude Code · Jira · Xray · Playwright · Java · Selenide · RestAssured · Postman · Python · Salesforce · GitHub · PostgreSQL · SQL

— EDUCATION

Kyiv Electromechanical College

Automated control systems

Hillel IT School

Information technology

— LANGUAGES

NATIVE Ukrainian

WORKING English
(intermediate)

OTHER French (beginner),
Russian

— CERTIFICATIONS

- > Claude 101 · Anthropic
 - > Claude with the Anthropic API
 - > AI Fluency for Small Businesses
 - > Introduction to agent skills
 - > Anthropic Solutions Architect track
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