

ILIA DOBKIN

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PROFILE

**Senior SDET** with 20+ years delivering automation and release confidence for audit/financial software and regulated web (including real-money iGaming). Owns E2E and API test strategy—**Playwright/Cypress/Selenium**, contract testing against **Swagger/OpenAPI**, and performance baselines—integrated into **CI/CD** for fast, reliable feedback. Known for stabilizing flaky suites, tightening quality gates without slowing delivery, and cutting manual regression effort by about 50% through expanded coverage and parallel execution. Built and maintained 300+ Playwright E2E tests and 250+ API/integration tests, and kept parallel CI runs consistently above about 95% pass rate by eliminating flake and improving environment readiness.

**Core strengths:** Playwright (E2E) + API/integration automation; CI/CD quality gates (GitHub Actions/GitLab/Jenkins); flaky-suite stabilization & deterministic waits; Swagger/OpenAPI validation; performance testing (Artillery/k6/JMeter); accessibility checks (AODA/WCAG)

EXPERIENCE

Key: 🏠 Remote ↔ Hybrid 🏢 On-site 📄 Contract 🧰 Full-time ⌚ Part-time 🎓 Co-op

**Niyasoft Canada Inc.** 🏠 🧰 Vaughan, Ontario, Canada  
**Senior Quality Assurance Automation Engineer** August 2023 – April 2026

- Built and maintained **300+ Playwright E2E tests** and 250+ API/integration tests plus performance suites for a regulated online-casino platform; coverage spanned happy-path, negative, workflow, page-navigation, and network request/response checks across payments, wallet/cashier, game/lobby, and back-office flows—cutting manual regression effort by about 50% and catching regressions earlier in the pipeline.
- Stabilized the **Playwright suite** by replacing brittle waits with deterministic patterns and improving environment readiness, cutting flaky-test noise and keeping daily pass rates consistently above about 95% across parallel CI stages.
- Validated **responsible gaming and player protection** end-to-end—deposit/loss/session limits, self-exclusion, cooling-off, reality checks—supporting successful compliance posture across licensed wagering markets.
- Ran compliance-sensitive scenarios for **geo-eligibility** with audit-friendly logging; traceability artifacts available for licensing reviews on demand.
- Optimized **GitHub Actions pipelines** (regression, functional, component, smoke) with parallelized stages and daily PR/review cadence, keeping feedback time short on a high-availability real-money stack.
- Monitored GCP metrics and alerts for API reliability; validated **PostgreSQL-backed data integrity** and prevented sev-1 incidents by catching performance regressions before release.

**RIOS Canada** 🏠 📄 Toronto, Ontario, Canada  
**Software Development Engineer in Test (SDET)** June 2022 – July 2023

- Built **Cypress E2E and API suites** (Swagger/OpenAPI) from scratch across core product flows; owned patterns, fixtures, and stability, enabling every-commit CI checks and cutting manual regression time by about 40% per release.
- Introduced **AODA/WCAG accessibility checks** (alt text, keyboard nav, contrast) into Bitbucket CI gates, preventing accessibility regressions across web and mobile releases.
- Automated test-environment provisioning with **Ansible**, producing disposable, repeatable setups that shortened spin-up time and eliminated pre-regression drift.
- Partnered with engineering and product on **defect triage**, risk-based prioritization, and pragmatic quality gates without blocking incremental delivery.

**Attabotics** 🏠 📄 Calgary, Alberta, Canada  
**QA Automation Developer** September 2021 – May 2022

- Maintained **3,500+ SpecFlow/Gherkin scenarios** with C# in .NET/Azure, owning flaky-test triage and keeping daily build stability above about 90% across the suite.
- Practiced **left-shift QA** in a large Agile team: co-authored scenarios with developers early in the sprint, tightened Given/When/Then clarity, and shortened feedback from story to green build.
- Stood up **Docker-based local and CI-aligned test environments**; used SQL Server for data setup, assertions, and traceability across integrated warehouse-automation workflows.

**Levkin Inc.** 🏠 📄 Vaughan, Ontario, Canada  
**Senior Software Developer** October 2020 – August 2021

- Built reusable Playwright building blocks with deterministic patterns, eliminating arbitrary waits and measurably reducing suite flakiness.
- Audited and refactored legacy test and UI code; documented testing strategy and shared patterns across the team.
- Optimized **GitLab CI/CD** pipelines for speed and reliability; piped test and pipeline metrics into Grafana dashboards for release visibility.
- Provisioned AWS (S3) environments with **Terraform**, validated end-to-end, and promoted to dev via the team's release procedure.
- Ongoing: self-hosted infrastructure lab and local-GPU AI assistant under the Levkin brand—see Projects section.

**Accountants Templates Inc.** 🏠 📄 Calgary, Alberta, Canada  
**Senior Software Developer** August 2019 – August 2020

- Owned CaseWare/CaseView template delivery including compliance updates, standards-driven releases, and documentation for internal and client use.
- Reviewed software for improvements and implemented recommendations and collaborated with support on reported issues.
- Automated build and packaging workflows with scripting, compressing roughly eight hours of manual release effort down to under two minutes per cycle.

Senior Application Developer 2

August 2017 – June 2019

- Developed and maintained C#, .NET, .NET Core applications integrating with CaseWare/CaseView; extended with JavaScript where specs required.
- Contributed automation strategy and hands-on Selenium/Cucumber work; managed Jenkins triggers, Cucumber reporting, and Azure DevOps pipelines.

CaseWare International Inc. ⇄ 📦

Toronto, Ontario, Canada

Software Developer

August 2006 – June 2017

- Delivered features, defect fixes, and client templates (JavaScript, HTML, YUI, jQuery, CSS) for global financial/audit systems; automated validation with SilkTest.
- Mentored junior developers on conventions, debugging, and code review; built reusable JS libraries; Agile Scrum, Jira, Git.

ROLI Consulting 🏠🕒

Vaughan, Ontario, Canada

Web/Application Developer

January 2001 – July 2012

- Voice broadcasting and SMS service (Python, Twilio API); websites across multiple stacks; technical consulting for nonprofits and SMBs.

EARLIER CAREER

Kaboose Inc. 🏢📄 • Coutts Information Services 🏢📦 • EDS / Scotiabank 🏢🎓

May 2005 – August 2006

- QA automation with QTP/Quality Center, cross-browser and end-to-end testing, and UAT support (Kaboose); Java/J2EE development (Coutts); Informatica ETL co-op on AIX/DB2 (EDS/Scotiabank).

PROJECTS

Levkin — Self-Hosted Infrastructure Lab

- Proxmox-based homelab (VMs/LXC): Gitea + CI runners, Vaultwarden, Vikunja, Uptime Kuma, Mailcow, Listmonk, n8n, SonarQube—provisioned via Ansible, Caddy edge TLS, TrueNAS backups.
- Full Linux admin: multi-domain DNS, firewall hardening, monitoring, and repeatable deploys; patterns from this lab directly informed production DevOps decisions in later roles.

Levkin — Privacy-First Local AI Assistant

- Tool-using assistant wired into mail and calendars (triage, drafts, scheduling) on local GPU inference—prompts and context stay on-LAN, no SaaS LLMs.
- Composable with homelab identity, TLS, secrets, and automation so event-driven workflows hand off without third-party model APIs; used daily for personal productivity.

Levkin — Playwright MCP server

- Built an MCP server for developers to use from Cursor and other MCP-capable assistants while writing Playwright tests—surfacing selectors, fixtures, and in-repo conventions so generated specs stay aligned with team patterns.

SKILLS

**Test automation:** Playwright, Cypress, Selenium, SilkTest; UI, API, mobile, cross-browser; page object model, BDD

**CI/CD & DevOps:** GitHub Actions, GitLab, Bitbucket, Jenkins, Azure DevOps; Git, Terraform, Ansible, Docker, SonarQube, self-hosted runners

**Observability & performance:** Grafana, Prometheus, Sentry, DataDog, Artillery, k6, JMeter, metrics & logging

**QA practices:** BDD (SpecFlow, Cucumber, Gherkin), API testing (Postman, Swagger/OpenAPI), accessibility (AODA/WCAG), risk-based testing and prioritization, defect triage, quality gates, flaky-suite stabilization, test data and fixtures, Agile/Scrum, Jira, shift-left QA

**AI & LLM tooling:** AI-assisted engineering with Cursor, privacy-first local LLM usage; MCP servers and agent-based automation; GitHub Copilot, Perplexity, Claude Code, ChatGPT, Windsurf, and Amazon Q Developer; GenAI-assisted test design and refactors; prompt and workflow validation.

**Languages & frameworks:** TypeScript, JavaScript, C#, .NET, Python, Java, Bash/Shell, Node.js, ASP.NET, Spring Boot, HTML/CSS

**Cloud & infra:** AWS (Lambda, S3), Azure, GCP; Linux administration, Proxmox, Caddy, TrueNAS, Vaultwarden

**Data & domain:** PostgreSQL, SQL Server, MySQL, DB2, Informatica/ETL; CaseWare/CaseView, audit & financial software

**Leadership & collaboration:** mentoring developers, test strategy and documentation, partnering with product and engineering on quality planning, release risk, and pragmatic gates without blocking delivery

**Tooling & workflows:** code review, trunk-based development, feature flags, dark launches, canary releases, observability-driven debugging, documentation-first changes