

ILIA DOBKIN

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PROFILE

Senior SDET with 20+ years in audit/financial software and regulated web, including real-money iGaming. Deep across Playwright, Swagger/OpenAPI contract testing, and performance baselines integrated into CI/CD. I treat automation as a personal discipline as much as a job: scripts, shortcuts, and agents that streamline my day so engineering effort goes where it matters. Strong instinct for stabilizing flaky suites, tightening quality gates, and removing manual regression effort wherever it lives.

EXPERIENCE

Key: 🏠 Remote   ↔ Hybrid   🏢 On-site   📄 Contract   📁 Full-time   ⌚ Part-time   🎓 Co-op   {} Stack

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

- { Playwright, TypeScript, GitHub Actions, PostgreSQL, GCP }
- 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 50% and catching regressions earlier in the pipeline.
  - Stabilized the **Playwright suite** by replacing brittle waits with deterministic patterns and improving environment readiness; reduced flaky-test noise and maintained daily pass rates above 90% 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.
  - Authored and enforced **Swagger/OpenAPI contract tests** against backend microservices, catching breaking schema changes before they reached downstream consumers.

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

- { Cypress, JavaScript, Bitbucket CI, Swagger/OpenAPI, Ansible }
- Built **Cypress E2E and API suites** (Swagger/OpenAPI) from scratch across core product flows, including shared test data builders and fixture libraries—enabling every-commit CI checks and cutting manual regression time by 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

- { SpecFlow, Gherkin, C#, .NET, Azure, Docker, SQL Server }
- Mentored developers** on **testable design** and BDD best practices, improving scenario quality and reducing review churn on test PRs.
  - Maintained **3,500+ SpecFlow/Gherkin scenarios** with C# in .NET/Azure, owning flaky-test triage and keeping daily build stability above 90% across the suite.
  - Caught defects earlier and tightened **Given/When/Then** clarity by co-authoring scenarios with developers early in the sprint, shortening feedback from story to green build in a large Agile team (**left-shift QA**).
  - 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** 🏠 📄 Vaughan, Ontario, Canada  
Senior Software Developer October 2020 – August 2021

- { Playwright, GitLab CI/CD, Terraform, AWS S3, Grafana }
- Built reusable **Playwright** patterns that replaced arbitrary waits, measurably reducing suite flakiness and stabilizing CI runs.
  - 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.
  - Introduced **page object patterns and shared utility layer** that cut new-test authoring time and improved cross-team consistency.
  - Ongoing: self-hosted infrastructure lab and local-GPU AI projects—see Projects section.*

- CaseWare International** { *C#, .NET, SQL Server, SilkTest, Agile/Scrum* }

11 years of feature development, client templates, and SilkTest automation for global audit/financial systems; mentored juniors.
- MNP** { *C#, .NET Core, Selenium, Cucumber, Jenkins, Azure DevOps* }

.NET development on CaseWare/CaseView with Selenium/Cucumber automation across Jenkins and Azure DevOps pipelines.
- Accountants Templates** { *CaseWare/CaseView, build automation, scripting* }

CaseWare/CaseView template delivery with build/packaging scripts that cut release effort from ~8 hours to under 2 minutes.
- ROLI Consulting** { *Python, Twilio API, multi-stack web* }

Voice/SMS broadcasting service plus multi-stack web and technical consulting for nonprofits and SMBs.

PROJECTS

- Self-Hosted Infrastructure Lab** { *Proxmox, Ansible, Caddy, TrueNAS, Gitea, SonarQube* }

Proxmox homelab (VMs/LXC) with Gitea, CI runners, Vaultwarden, Uptime Kuma, Mailcow, SonarQube—**Ansible**-provisioned, Caddy TLS, TrueNAS backups; patterns directly informed production DevOps decisions.
- sdetProfile — Portfolio as Playwright Report** { *HTML, CSS, vanilla JS, Playwright (tests), ESLint, Stylelint* }

Zero-framework personal portfolio styled as a **Playwright** test runner—sidebar explorer, editor tabs, trace/network/source panels, tag filtering, keyboard shortcuts, and theme cycling (dark/light/WCAG AAA); 37 real Playwright specs verify the live site.
- Atlas — Local Voice Agent** { *Python, MCP, ASR/TTS, local LLM (RTX), Playwright* }

Privacy-focused home voice assistant with on-device AI transcription and tool use—**Python**, local GPU inference, no third-party model APIs; wired into calendar and home automation.
- AtAnyRate — Event-Driven Pricing** { *Python, Playwright, Telegram Bot API, Ticketmaster/SeatGeek APIs, Docker* }

**Python** app that identifies Toronto events likely to spike Airbnb demand, sends Telegram alerts, and optionally adjusts nightly prices via **Playwright** browser automation.
- LLM Council — Multi-Model Chat UI** { *Python, FastAPI, httpx, React, Vite, Ollama/vLLM* }

Local web UI that fans each prompt to multiple LLMs and presents side-by-side responses—**Python** backend, diverse model voting for higher-confidence answers.

SKILLS

<p><b>Test automation:</b> Playwright, Cypress, Selenium, SilkTest; UI, API, mobile, cross-browser; page object model, BDD</p>	<p><b>Domains:</b> regulated iGaming (real-money), audit &amp; financial software, warehouse automation, accessibility-compliant web (AODA/WCAG)</p>
<p><b>Languages &amp; frameworks:</b> TypeScript, JavaScript, C#, .NET, Python, Java, Bash/Shell, Node.js, ASP.NET, Spring Boot, HTML/CSS</p>	<p><b>CI/CD &amp; DevOps:</b> GitHub Actions, GitLab, Bitbucket, Jenkins, Azure DevOps; Git, Terraform, Ansible, Docker, SonarQube, self-hosted runners</p>
<p><b>Cloud &amp; infra:</b> AWS (Lambda, S3), Azure, GCP; Linux administration, Proxmox, Caddy, TrueNAS, Vaultwarden</p>	<p><b>Observability &amp; performance:</b> Grafana, Prometheus, Sentry, DataDog, Artillery, k6, JMeter, metrics &amp; logging</p>
<p><b>Data &amp; domain:</b> PostgreSQL, SQL Server, MySQL, DB2, Informatica/ETL</p>	<p><b>QA testing types:</b> unit, integration, regression, smoke, exploratory, load, stress, end-to-end; API testing (Postman); accessibility (AODA/WCAG)</p>
<p><b>QA process:</b> BDD, risk-based prioritization, defect triage, quality gates, flaky-suite stabilization, shift-left QA, Agile/Scrum, Jira</p>	<p><b>AI &amp; LLM tooling:</b> AI-assisted engineering with Cursor and Claude Code; privacy-first local LLM usage; MCP servers and agent-based automation; GenAI-assisted test design and refactors.</p>