

# Ivan Kozenko

## Senior Automation QA Engineer

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### SUMMARY

Senior Automation QA Engineer with 7+ years of experience. Specialized in the Playwright & TypeScript ecosystem, with a proven track record of architecting scalable E2E frameworks from scratch and ensuring high stability in CI/CD pipelines. I bridge automation gaps with exploratory testing to ensure comprehensive coverage and risk mitigation while maintaining clean, scalable code.

### KEY WINS (TEAM IMPACT)

- **Release Strategy:** Accelerated release frequency from bi-weekly to twice-a-week by optimizing the test pyramid: moved heavy logic to the API layer while keeping E2E tests lean and focused.
- **Solution Architecture:** Building **Playwright & TS** automation from the ground up. Prioritizing high-ROI business flows and delivering actionable quality insights to stakeholders.

### TECH STACK

- **Automation Frameworks:** Playwright, Cypress, Framework Architecture from scratch, Cross-browser & Mobile emulation.
- **Languages & Patterns:** TypeScript, JavaScript, SQL (Data Prep & Validation), Functional Programming style, Design Patterns (POM, COM), Clean Code.
- **API Testing & Data:** Postman (Collections, Environments, Newman), REST/GraphQL, Contract Testing, JSON Schema validation, Native Playwright Mocking, Database Testing.
- **Performance & Security:** k6 (Load & Stress testing), Lighthouse, Basic Security scanning tools (OWASP principles), Observability with Datadog.
- **Infrastructure & CI/CD:** GitHub Actions, Docker, Jenkins/Azure Pipelines, Git.
- **Observability & Management:** Datadog, Allure Reports, TestRail, Xray, Jira, Confluence, Test Strategy Planning.
- **AI & Productivity:** AI-assisted development (Cursor, Claude Code) for framework scaffolding, test generation, and automated failure analysis.

### PROFESSIONAL DEVELOPMENT & LANGUAGES

- Advanced Playwright & Software Architecture training.
- **Languages:** English B2, Ukrainian (Native), Russian (Native).

### BEYOND ENGINEERING

- **YouTube:** Documenting travels and experimenting with IT-related content (learning in public).
- **Technical Mentorship:** Guided several peers into Manual and Automation QA roles, giving back to the community that mentored me early in my career.

## PROFESSIONAL EXPERIENCE

### Forvana Gaming | Senior Automation QA Engineer | 04.2024 — 04.2026

- **Framework Architecture:** Architected a scalable Playwright E2E framework for a high-load gaming platform using Functional style and Component Object Model (COM).
- **Scalability:** Optimized execution via Parallelization and Sharding to maintain performance at scale.
- **Technical Excellence:** Improved Testability (custom IDs, API hooks) and performed rigorous Code Reviews for AQA scripts.
- **Hybrid Testing:** Balanced automated suites with exploratory sessions for complex gaming mechanics.
- **Efficiency:** Utilized AI tools to accelerate framework setup and streamline test failure analysis, reducing maintenance time.
- **Standardization:** Defined and implemented unified testing standards and JS/TS best practices across the organization.

### Comparus UA | Senior AQA Engineer | 04.2021 — 04.2024

- **Scale & Complexity:** Automated 150+ E2E tests for 20+ microservices within a multi-tenant Fintech ecosystem.
- **Cross-Team Impact:** Aligned automation strategies with DevOps/Backend teams, increasing release frequency by 4x.
- **Quality Engineering:** Built a modular API testing (Postman) layer using Design Patterns, covering Contract Testing and complex Auth.
- **Data Management:** Architected SQL data prep scripts for environment isolation and test independence.

### Evoplay | AQA Engineer | 02.2019 — 04.2021

- **Cross-browser Testing:** Developed a UI automation suite for AdTech platforms supporting Chromium, Firefox, and WebKit, ensuring consistent performance for 100k+ users.
- **Impact:** Enabled faster feature delivery by reducing manual regression from 16 hours to a 4-hour automated run.
- **Integration:** Integrated automated suites into the existing CI toolset, providing immediate feedback for every pull request.

### Robota.ua | Manual QA Engineer | 03.2018 — 02.2019

- Performed requirement analysis and early defect detection to minimize "cost of quality" within the SDLC.
- Verified system integrity across UI, API (Postman), and Database (SQL).