Dimitar Prodromov

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Sofia, Bulgaria

Senior QA Automation & Manual Engineer

Versatile **Quality Assurance Engineer** with extensive experience in both **Manual Exploratory Testing** and designing scalable **Automation Frameworks**. Expert in testing high-load financial systems, betting platforms, and complex distributed architectures. Passionate about **Testability**, **Chaos Engineering**, and ensuring 99.99% system resilience before production.

PROFESSIONAL EXPERIENCE

Senior QA Automation Engineer
DRAFTKINGS INC.

2021 — 2023

`C#` `Selenium` `Postman` `K6 Load Testing` `CI/CD`

✓ Led End-to-End (E2E) automation strategy for the sportsbook platform, achieving **85% test coverage** for critical betting flows.

✓ Designed and executed **Manual Exploratory Testing** sessions to uncover subtle edge cases in odds calculation logic that automation missed.

✓ Implemented **Performance Testing** pipelines using K6 to simulate 50,000 concurrent users during peak events (Super Bowl), ensuring 0 downtime.

✓ Mentored junior QA engineers in transition from Manual to Automation testing concepts.

Lead SDET (System Design Engineer in Test)
QANTUM VORTEX (R&D)

`TypeScript` `Node.js Workers` `Chaos Testing` `API Testing`

✓ Architected a complex "System Under Test" (High-Frequency Trading Engine) specifically to practice advanced validation techniques.

✓ Developed a custom **Resilience Testing Framework** ("ThreadMaster") that intentionally injects process failures to verify system self-healing and auto-recovery capabilities.

✓ Built a **Real-Time Monitoring Dashboard** to assert data correctness and latency metrics (PnL, API response times) visually during load tests.

✓ Performed extensive **API Integration Testing** with Binance/Bybit, handling rate limits, error injection, and socket disconnections.

TECHNICAL SKILLS

MANUAL TESTING

Exploratory Testing

Test Case Design (JIRA)

Bug Tracking & Reporting

Regression Planning

Root Cause Analysis

AUTOMATION

Selenium / Playwright

Cypress / Jest

API Automation (RestAssured)

Performance (JMeter/K6)

CI/CD Integration (Jenkins)

LANGUAGES & TOOLS

JavaScript / TypeScript

C# / .NET

Python

SQL / MongoDB

Git / Docker