

# Jasur Koshchanov

Senior SQA Automation Engineer | Lead SQA | Project Manager | API |  
JavaScript/TypeScript | Python | Cucumber | Selenium | Cypress | Playwright | Behave |  
Jenkins | Gherkin | BDD | CI/CD | Generative AI | LLMs | Capital Markets | Investments

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U.S. Citizen | Open for traveling

## SUMMARY

A seasoned Software Test Specialist and Automation Engineer with over 18 years of experience, integrating AI-driven approaches to enhance test automation and software quality. Proficient in Cucumber and Selenium, with expertise in developing intelligent automation frameworks and applying machine learning concepts for predictive test case selection and anomaly detection. Proven success in leading automation projects using both open-source and proprietary tools, optimizing efficiency through data-driven and AI-enhanced testing strategies.

## PROFESSIONAL EXPERIENCE

### **Bloomberg LP, Princeton, NJ — Senior SQA Engineer**

May 2016 - PRESENT | Hybrid

**FXGO** – is a leading multi-bank FX trading platform on the Bloomberg Terminal, allowing price takers to trade Spot, Outright, Swap, NDF/NDS, Deposits, Orders, and Options with their banks commission-free.

#### **Responsibilities:**

- Lead development of AI-enhanced automated test scripts in JavaScript/TypeScript for FX Cash & Derivatives on low-latency C++ trading platforms, optimizing performance and coverage.
- Build and execute advanced UI tests using Cucumber, Selenium and Playwright, improving client reporting accuracy across \$8–10B in daily trades.
- Design intelligent API test frameworks, integrating AI-driven test optimization and anomaly detection.
- Recent delivery of a backend automation solution with 60% cost savings, securing a \$4.5M client contract under tight deadlines.
- Maintain daily automation using Bloomberg's NDIM tool, Cucumber (BDD), and Python for regression on Terminal desk applications.
- Collaborate with developers for defect triage and retesting using White, Gray, and Black box methodologies.

### **Credit Suisse Securities, New York, NY — Lead SQA Consultant**

June 2015 - May 2016 | Onsite

**PRIME TRADE** – Foreign Exchange Trading Technology is a single dealer execution system. It allows Credit Suisse customers to trade electronically either with Credit Suisse's trading desks or with listed derivatives exchanges worldwide.

## TECHNICAL SKILLS

Amplitude Regression, Functional, Performance, Integration, Ad-hoc, Sanity, UAT, Unit, Post-Release, Black Box, Grey Box & White Box software testing, Node.js

#### Automation Testing Tools & Defect Management:

- Cucumber/Gherkin BDD
- Bloomberg NDIM/ASW Automation
- Selenium/Webdriver
- Cypress Automation
- Playwright Automation
- Jenkins | AntHillPro
- FIX API Connectivity
- Quick Test Pro (UFT/QTP)
- CI/CD Technologies
- Git/GitHub/GitLab
- HTML5 & CSS3 Markup
- JIRA | TFS | Bloomberg DRQS
- Maven | TestNG | HTML/XML Report

#### Programming Languages / DBMS:

- Javascript/Typescript
- Python
- Unix Shell Scripting
- Databases (MySQL)

## ADDITIONAL SKILLS | INTERESTS

- The Web Developer Bootcamp JS
- Angular/React The Complete Guide
- Automation with Python and Selenium
- Python Programming
- Bash Shell Scripting
- Selenium Webdriver using Python
- AI & Generative AI
- Blockchain Fundamentals
- Web3 Fundamentals

Client Connectivity FIX Engine (CCFE) – A low-latency, direct-market-access system enabling traders to execute New, Fill, and Cancel orders via API using parameters like size, price, symbol, account, and currency across specific market exchanges.

**Responsibilities:**

- Led a team of 10+, completing projects ~4 weeks early while reducing issue-related delays by 50% through early test scenario development.
- Streamlined documentation/reporting processes, cutting reporting time by 20%.
- Built and maintained Selenium/WebDriver regression scripts; managed builds via TeamCity, SVN, and Jenkins for QA deployment.
- Conducted FIX engine testing for Buy/Sell orders, validating key FIX tags for accurate data flow.
- Used Shell scripting and Unix for environment setup and batch scheduler testing (Lapse/Purge functionality).

**Wells Fargo Securities, Charlotte, NC — Senior SQA Consultant**

June 2014 - June 2015 | Onsite

**METEOR** – desktop app for trading Fixed Income products like High Grade and High Yield Corp Bonds via multiple ECNs, supporting Offerings and RFQs.

**MATS** Core Trading Technology - multi-asset trading platform for front office cash product trading and risk management, with trade lifecycle and reporting tools for middle office operations.

**Responsibilities:**

- Collaborated with the Automation team to build regression test suites, cutting testing time by 40% and accelerating production releases.
- Automated test cases with strong planning and traceability, reducing regression time by 50%.
- Led UAT for METEOR features, ensuring integration with ECNs like Bloomberg, Tradeweb, and MarketAxess.
- Designed and executed test scenarios for MATS, performing monthly regression and integration testing.
- Used Unix (Putty) to verify trade feed logs and database checks to validate UI data; managed QA deployments using Anthill and Unix commands.

**Wipro Technologies, Atlanta, GA — Senior SQA Engineer**

July 2013 - June 2014 | Onsite

**State Street Bank & Trust, Boston, MA — Senior SQA Consultant**

January 2011 - July 2013 | Onsite

**United Health Group, Nashville, TN — SQA Consultant**

January 2010 - December 2010 | Onsite

**First Tennessee Bank, Nashville, TN — Junior SQA Consultant**

February 2007 - December 2009 | Onsite

- Cryptocurrency Spot | Futures Trading
- Business Analytics Executive Overview
- Predictive Analytics and Data Mining
- Data Modeling and Regression Analysis
- Inferential and Predictive Statistics
- Data for Business Decision-Making
- Business Analytics: Communicating with Data
- Applying Data Analytics in Finance
- Business Analysis Fundamentals
- Product Management
- Strategic Leadership and Management

**EDUCATION**

- **MBA | University of Illinois at Urbana (2021)**

[Online] **Specialized In:**

Data Science/Analytics  
Strategic Leadership & Management  
Managerial Economics & Business  
Value Chain Management  
Financial Management  
Entrepreneur & Strategic Innovation

- **BBA | Tennessee State University (2011)**

[Nashville, Tennessee] **Specialized In:**  
Economics & Finance