

## VAHAG BYURAT

Burbank, CA 91501 | 818-321-0994 | [vahagb@gmail.com](mailto:vahagb@gmail.com) | [linkedin.com/in/vahagb](https://linkedin.com/in/vahagb)

## SENIOR SDET | QUALITY ASSURANCE BACKEND & FRONTEND ENGINEER | QA LEAD

Results-driven Senior QA Engineer with 15+ years of experience in test automation, API testing, and leading cross-functional teams in Agile environments. Delivered 100% automated test coverage for multiple features owned, earning high trust with no major bug leakage. Expert in test framework architecture, AWS, and AI-assisted tools; renowned for preempting issues, owning quality deliverables, and mentoring teams to ensure scalable, maintainable solutions.

### SKILLS & TECHNICAL PROFICIENCIES

- **Languages, Libraries & Frameworks:**
  - Primary: Java, Python, SQL
  - Secondary: Rust, C#, JS/TypeScript, C++, GraphQL
- **Testing & Automation:**
  - UI Automation: Selenium/Playwright, XPath/Css Selectors, User Agent Spoofing
  - API (REST/GraphQL) Testing:
    - Automation: Java/Python | Manual: postman/curl/devTools
    - Focus on contract validation, auth flows, & data integrity across services
    - JSON/XML, Multipart/form-data, Protobuf, OAuth
  - Also: TestRail, QTest, VMware, Silk Test/Central, E2E/Performance Testing
  - Strengths: Maintainable Framework Architecture & Fully Automated Test Suites
- **Cloud & Tools:** AWS (S3, OpenSearch, EC2, Lambda, API Gateway, RDS, CloudWatch, Kinesis, Cognito, IAM, SNS, SQS); GitLab, ArgoCD, Jenkins, Datadog.
- **Databases Used:** Postgres, Snowflake, Oracle, MySQL, DynamoDB, DuckDB, Redis, OpenSearch's Query Workbench via REST
- **Methodologies & Soft Skills:** Agile/Scrum, CI/CD, Version Control (Git, Perforce, SVN); Creative Problem-Solving, Collaborative Leadership, Proactive Communication.

### PROFESSIONAL EXPERIENCE

#### Senior Software Engineer II (SDET)

Altruist, Los Angeles, CA | 2024–2025

QA lead for Integrations & Firm Management teams; planned, automated, and maintained test cases; served as round-robin release manager and scrum master; became SME in multiple domains within months; collaborated on E2E testing, logged 100+ bugs, many major/critical, without production bug leakage; improved inherited legacy automation; met aggressive deadlines leveraging AI tools and reverse engineering.

- Owned QA for Plaid API Integration, allowing RIA's and their clients to sync their daily account and position data across multiple financial tracking 3rd parties. Observed a 99.98% success rate in the first week of launch; during testing, I delivered 100% automation coverage across test, stage, and production (for release sanity).

- Owned QA of Account Groups for Firm Management - testing OPA restrictions on Advisors & staff to households and contacts alongside administrative team management.
- Led Nitrogen Integration under accelerated deadlines (advanced twice from Q4 2025), testing daily to meet all criteria; enabled timely support, earning partner recognition.
- Reverse-engineered legacy integrations using Datadog traces and database queries, transforming black-box systems into documented domains; identified defects missed by prior QA for over a year.
- Automated OpenSearch/QueryWorkbench queries via REST calls for dynamic test data validation in Outbound API and Plaid Core Exchange projects, automating the validation of the middle-layer serving data to the API where there were many bugs.
- Managed Kong Authentication testing, including ACL restrictions, partner onboarding, and downstream integrations (Wealthbox, Help Desk, Document Center); supported separate Salesforce workspace for dynamic client management.
- Owned Bulk Data Export for a dozen partners, testing CSV formatting, encryption, S3/SFTP delivery, subscription APIs, self service on the customer-facing web app, and configuration tools; maintained dual AWS data warehouses during migration.
- Tested Inbound Integrations (Redtail, Wealthbox, Salesforce) for import of contacts.
- Supported SSG acquisition migration, Selenium-to-Playwright upgrade, and full company rebrand while maintaining UI automation.
- Performed bi-weekly regression signoffs, nightly smoke test runs, and maintenance of the automation to ensure test report accuracy.

### **Automation QA Engineer**

Sony Interactive Entertainment (PlayStation), Los Angeles, CA | 2008–2024

Designed and implemented test automation frameworks; ran daily smoke/regression tests; coordinated offshore teams; wrote test plans/cases; reviewed code; reduced tech debt; served as technical interviewer for senior candidates.

- Achieved 100% automation coverage on multiple projects, building tools to empower external QA engineers and improving code quality ahead of schedule.
- SME in multiple internal tools and services.
- Sole QA for internal applications managing PlayStation Store assets/metadata; automated multi-part uploads, video encoding, content publishing, and privacy checks.
- Revamped legacy Content Management System framework, migrating from XML to JSON REST APIs; led Kinesis-based POC with asynchronous JUnit tests.
- Optimized Elastic Search and E2E testing; supported server-to-serverless AWS migrations and customer support tools via UI automation.
- Maintained massive legacy monolith with thousands of TestNG scripts; created v2.0 framework for active updates.
- Led Subscriptions API/UI automation; automated Banner Asset Management and legacy tools (comics, video streaming, eBooks).
- Contributed to internal tools; hosted knowledge-sharing sessions; collaborated with offshore teams as POC.

## **EDUCATION**

### **Bachelor of Science in Computer Science**

California State University Northridge, CA

## **AI Proficiency**

- I have actively used multiple AI tools extensively to be more efficient and apply best practices when it comes to prompting and context.
  - Used models from: ChatGPT, Anthropic, Grok, Gemini, DeepSeek
  - AI tools: Cursor, Claude Code, CLiNE, Glean
  - Learning more about: Parallel Agents, MCP Servers, LangChain, and Cuda

## **PROFESSIONAL DEVELOPMENT**

- Actively building projects to learn and have fun while building automated QOL solutions
  - Building my own risk engine and productivity tools
- Started Boot.Dev Course in January 2026: Back-end Developer Path (Python & Go) - expected to complete March/April 2026
  - Gamified learning: Refreshing on backend engineering fundamentals
  - Not missing a day of practice - profile here <https://www.boot.dev/u/vahag>

## **PERSONAL INTERESTS**

- Brazilian Jiu-Jitsu: Brown belt and private instructor.
- Music: Pianist, composer, and producer/audio engineer.
- Personal Finance: Developing coding tools for options trading.