

# BKSULTAN ISMATOV

## Senior Full Stack Software Development Engineer in Test (SDET)

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## SUMMARY

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Proficient in Java, Groovy, and Bash scripting, with a significant enhancement in test efficiency and adept management of bug lifecycles via Jira, resulting in a swift 14% reduction in technical debt. Experience encompasses a broad spectrum of testing methodologies, alongside the development of automation frameworks utilizing Selenium WebDriver, TestNG, and Katalon Studio. Notably, recognized as an MVP nominant for 2024 at Hub Group for exceptional performance and leadership. Conducted performance testing with JMeter, optimizing system performance by 20%. Certified as an AWS Solutions Architect – Associate, with proficient use of Docker and Kubernetes. Expertise extends to CI/CD processes, database and API testing, and development of automated tests for Azure AI systems, underscoring a commitment to delivering high-quality, efficient solutions.

## EXPERIENCE

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### Hub Group - Oak Brook, IL

Senior Full Stack SDET, January 2022 – present

- Designed and executed comprehensive test plans for Oracle Transportation Management (OTM), achieving 99.5% defect-free releases and reducing order creation time by 40% through Bash scripting and XML integrations.
- Developed robust custom automation frameworks using Java, Selenium, Katalon Studio, and Playwright with BDD methodologies, increasing test coverage by 30%.
- Conducted performance testing with JMeter, optimizing system performance by 20%; demonstrated expertise in high-transactional integrity Transaction Processing Systems (TPS).
- Managed Linux-based environments, performing configuration and troubleshooting; executed 100+ manual test cases per sprint.
- Leveraged SQL for database validation, conducted code reviews, and implemented CI/CD pipelines with Jenkins.
- Managed source code with Git, validated 50+ APIs using Postman, integrated real-time monitoring tools such as Kibana, Grafana, and Prometheus, and performed quality assurance audits.
- Utilized Docker for consistent testing environments, automated email notifications for test failures, and executed mobile responsiveness testing.
- Collaborated with development teams on Azure AI Custom Vision projects, ensuring reliability of detection algorithms.

***Project:** Oracle Transportation Management (OTM) Optimized nationwide load management through comprehensive end-to-end testing, covering load transactions from TPS to Oracle Transportation Management and integration with Driver Tablet applications. Ensured seamless cross-platform functionality, significantly improving efficiency and reliability in logistics operations.*

### Goldman Sachs - Richardson, TX

Full Stack SDET, March 2021 – December 2021

- Developed and implemented a Java-based Test Automation Framework using the Serenity framework and BDD principles with JBehave and JUnit, focusing on UI and back-end testing for web applications.
- Conducted comprehensive UI Automation testing with Serenity and Java, automated data validation using JDBC, and generated detailed reports with Serenity reports for insightful analysis.
- Employed a data-driven approach to dynamically manage test data from Excel using Apache POI, integrated GIT for code versioning, and Maven for dependency management.
- Advanced REST API testing capabilities using Rest Assured and Java with Groovy enhancements, supported by manual testing with POSTMAN and cross-environment API testing.

- Executed manual testing to validate the application's functional flow and developed test cases for critical personal banking features, encompassing account management, online bill payments, and fund transfers.

**Project:** *Marcus at Goldman Sachs enhanced the digital banking experience for Apple Card users by developing a secure, user-friendly interface for managing transactions and integrating advanced data analytics for personalized financial insights. Comprehensive end-to-end testing ensured robust security and seamless functionality, from transaction initiation on Apple devices to backend processing.*

### **JP Morgan Chase - Chicago, IL**

SDET, February 2019 – February 2021

- Executed comprehensive testing, including functional, integration, and system tests, by developing cases from user stories and collaborating with business analysts for requirement alignment. Utilized a Data-Driven framework and Page Factory with Selenium WebDriver, JAVA, and Maven for web application automation.
- Implemented a BDD Framework in C#, conducted mobile automation using Appium and Java for Android, and maintained API tests with Rest Assured. Coordinated with offshore teams for test execution and guidance.
- Enhanced test infrastructure by setting up modular project structures, automating test execution with Jenkins on Selenium Grid, and generating reports via HTML. Worked with DevOps for test environment monitoring and logging.

**Project:** *The Cards Service in the project manages a comprehensive range of card-related operations. It provisions cards in virtual, digital, and physical formats, enabling flexible issuance options. The service provides robust functionalities to fetch cards based on various identifiers, including account ID and combined with person ID, and Card ID. It also manages critical card actions, including status updates such as activation, blocking, unblocking, disabling, enabling, and cancellation.*

### **Wells Fargo - Raleigh, NC**

SDET, September 2016 – February 2019

- Developed and maintained automated test suites for mobile banking applications using Java, specializing in the 'Deposit Checks' feature.
- Integrated test suites with BrowserStack for cross-browser and cross-platform testing and used Selenium WebDriver for UI automation.
- Implemented CI/CD pipelines, reducing testing time by 30%, and conducted performance testing with NeoLoad to handle peak loads.
- Created comprehensive test reports and dashboards for insights into test metrics and developed a risk-based testing strategy focusing on high-impact areas.

**Project:** *The "Deposit Checks" application allows users to deposit checks through a secure web interface using JavaScript for the frontend, and Node.js with Express.js for the backend, supported by MongoDB for the database. Users can upload check images, utilize OCR for detail extraction, and manually input check information. Features include user authentication, transaction history, status notifications, and profile management. Test using BrowserStack to ensure cross-browser compatibility.*

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## **EDUCATION**

Engineering Pedagogical Institute, Namangan, Uzbekistan

Bachelor's degree. Computer Science, September 2012 – July 2016

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## **CERTIFICATIONS**

AWS Certified Solutions Architect – Associate

Validation number - 19JD7G6K61B41E54