

UMAR DURRANI

Software Automation Lead | Performance Architect

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PROFESSIONAL SUMMARY

Software QA Automation Lead and Performance Architect with 13+ years of software experience across Automation using Java/JavaScript, SQL/database work, API Testing with Postman, Performance Testing, Production Support, Release Management, and Customer-Facing Delivery. Experienced in Selenium, Playwright, Appium, Java, TestNG, JMeter, NeoLoad, SQL/Oracle, SOAP UI, Postman, Jenkins, GitHub Actions, SonarQube, ELK, Prometheus, and Grafana. Proven background of testing and leading end-to-end software Automation and Release Management, building scalable Automation frameworks, integrating quality into CI/CD, validating data-intensive systems, and supporting web and mobile applications.

CORE TECHNICAL SKILLS

Programming & Data: Java, JavaScript, SQL, Oracle, NoSQL, Apache POI, JSON
Automation: Selenium WebDriver, Playwright, Appium, TestNG, Page Factory, POM, Cucumber, TestComplete
Performance & API: JMeter, NeoLoad, SOAP UI, Postman, REST APIs, web services
CI/CD & Engineering: Jenkins, GitHub Actions, Git/GitHub, SonarQube, Extent Reports, Log4j/SLF4J
Enterprise & Monitoring: IBM WebSphere, IBM DataPower, MQ Explorer, Prometheus, Grafana, ELK Stack, Apache Spark
Leadership: Delivery Strategy, Agile/Scrum, Sprint Planning and Execution, UAT, release sign-off, production support

PROFESSIONAL EXPERIENCE

QA Automation Lead

LMKR | Hybrid | 2025 - Present



- Lead end-to-end Manual & Automation testing for a land digitization program, covering end to end automation, AI/ML-driven validation, production support, and release sign-offs.
- Architected and maintained a scalable Playwright + TestNG Automation framework using POM as design Pattern and data-driven validations with Excel (Apache POI) and JSON.
- Integrated Automated Code into Jenkins CI/CD pipelines and enhanced reporting and diagnostics using Log4j/SLF4J and Extent and Allure Report.
- Coordinate closely with Product Owners, GIS teams, and DevOps to drive production-ready releases in an Agile/Scrum environment.
- Applied AI/ML techniques for intelligent data validation and anomaly detection in parcel-conversion workflows while supporting cross-browser and environment validation.
- Integrated Claude Code with Playwright MCP in Visual Studio Code to inspect web applications, identify elements, and generate, enhance, and maintain Playwright automation code using Java.

Principal Software Automation Engineer - Lead

AllShore Talent / Deyo Group USA | Remote | 2020 - 2025



- Automated web applications using Selenium with Cucumber and supported Android/iOS automation using Selenium/Appium with TestNG and NOX device management.
- Designed and maintained Automation using Page Object Model/Page Factory, Extent Reporting, GitHub, Jenkins CI/CD, and Log4j-based diagnostics.
- Created and executed performance scripts using JMeter and NeoLoad and validated REST-based APIs using Postman.
- Performed Manual + Automation Testing and data-integrity checks, including shipment workflows, used SonarQube for code-quality analysis.
- Supported UAT, post-deployment validation, production issue resolution, reporting, training, resource planning, and process improvement.
- Expanded automation capabilities using AI using language as Java for web applications.
- Received Customer Recognition Awards across five consecutive years: 2021, 2022, 2023, 2024, and 2025.

Advisory Software Quality Assurance Engineer

Tree house | Dubai, UAE | 2019 - 2020



- Validated SOAP UI-based services for ESB modernization and Automated APIs using Selenium integrated with SOAP UI.
- Conducted performance using JMeter and SOAP UI and performed UAT for services and applications.
- Validated synchronous and asynchronous applications, web services, and REST APIs hosted on IBM DataPower and IBM App Connect.
- Used Postman, SOAP UI, IBM WebSphere, MQ Explorer, JavaScript, and database analysis for day-to-day quality validation.

PROFESSIONAL EXPERIENCE - CONTINUED

Software Automation & Quality Analyst

Contour Software | 2019



- Automated a dealership management system across web, Android, and iOS using Java, Selenium WebDriver, Appium, Maven, TestNG, and Page Factory. Performed Manual Testing, Regression and UAT for Web Based DIS Management System.
- Implemented Extent Reports, managed code through GitHub/GitLab, used GitHub Actions for CI/CD, and monitored systems with Prometheus and Grafana.
- Validated database integrity, client closure reporting, post-deployment validation, and debugging/log analysis using the ELK Stack.

Senior Software Engineer - QA

TRG - IBEX Global | 2018 - 2019



- Handled requirement analysis, production support, client communication, database operations, weekly production verification, and team estimation, Reporting and Data Base Query based results verification and testing.
- Performed ETL, database, data-integrity, and KPI validations; supported Spark jobs and investigated production job failures.

Senior Software Automation Engineer

BroadPeak Technologies | 2017 - 2018



- Automated web and Android applications using BDD Cucumber, Selenium WebDriver, Appium, Java, Page Object Model, and Page Factory.
- Created development plans, reported closures, supported post-deployment validation, and performed performance validations using JMeter and Charles Debugging.

Senior Software Quality Assurance Engineer & Release Manager

Netsol Technologies | 2014 - 2017



- Served as Incident Reporting point person as Senior QA, Release Manager for CMS BMWAF China and Hong Kong deployments.
- Led customer-facing production support, Testing, SLA maintenance, requirements analysis, environment management, UML-aligned processes and execution, and automation using TestComplete including verifications and validations for both Mobile and Web.

Junior Software Quality Assurance & Support Engineer

Autosoft Dynamics | 2013 - 2014



- Performed requirements analysis and review, manual testing, supported onsite migrations and training, Performance Engineering using JMeter and for data integrity performed data validations using SQL (Queries).
- Provided production support for live banking systems and worked for App and Mobile Validations with clients of Investrust Bank and Royal Bank.

EDUCATION

BSCS - Bachelor of Computer Science | COMSATS University | 2008 - 2012

TRAINING

SQL Training (Retail DB Schema) | CMMI OSP Training (2015) | ASTQB Automation | Java (Udemy)

MOBILE TOOLS & TECHNOLOGY

NOX for device management | X-Code | Appium Inspector | Appium Driver XCUITest for iOS | UI Automator Viewer for Android | BrowserStack

BROADER TECHNICAL EXPERTISE

Release Management | CMMI Level 5 Audit Exposure | Query Optimization & Data Analysis | MQ Explorer | IBM WebSphere | IBM DataPower | BrowserStack | Automation with Java | Jenkins | GitHub | SonarQube | Microsoft Project | ServiceNow | Apache Spark | Development experience for CRM / POS / HRMS solution exposure | WordPress & MySQL

PROFESSIONAL VALUE

Release Management | Customer Presentations | Direct Customer Interaction | Team Leadership & Reporting | Microsoft Project | ServiceNow Exposure | Website Development using Wordpress & MySQL.

CAREER HIGHLIGHTS

13+ Years of Experience | 18 Customer Recognition Awards | Release Manager / Client Support | Direct customer and production ownership | Web, Android, iOS, API, DB and enterprise-system coverage