

ISHAN BISHT

13 years of experience in Database Virtualization, Data Masking & Compliance, Data Protection, Python Automation, CI/CD, MSSQL/Windows Infrastructure, and AI-driven QA Engineering

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PROFESSIONAL SUMMARY

SDE 3 with 13 years at the intersection of QA, infrastructure, and product engineering — including 9 years as sole owner of MSSQL/Windows test infra at (now Perforce), a **database virtualization, data masking & compliance, and data protection** platform. Resolved **1,662 Jira tickets** (75% self-filed), conducted **100+ technical interviews**, reduced regression triage from hours to minutes with automation and AI tooling, and shipped product fixes to both the Delphix engine and DCT.

EXPERIENCE

Perforce Software — Delphix — SDE 3 / QA Infrastructure Lead Aug 2017 – Present

GlobalLogic (contractor to Delphix) 2017–2019 → Delphix Software Pvt. Ltd. (India branch) 2019–2024 → Perforce Software (acquisition) 2024–present

- Shipped product code beyond QA scope: Added Windows Server 2025 support to the Delphix engine; fixed product issues for DCT.
- Sole owner of MSSQL/Windows test infrastructure for 9 years — consumed by 5+ teams (AppData, masking, replication, Oracle, DCT) across 33–45 images and ~15 AG/FCI clusters spanning AWS, on-prem VMware, and Azure. Sole verifier for MSSQL nightly monitoring and release/hotfix testing across all active release branches; co-owner of Oracle and DCT nightly monitoring.
- QA lead for Delphix's flagship MSSQL programs: AG-as-Target (94 stories, 3 phases, 2023–2024), Windows Authentication, Commvault for SQL Server, RCSI integration, Multiple Backup Locations, Always On Encryption, Contained DB, and Memory-Optimized DB — each owned end-to-end from test strategy to automation; delivered customer-facing migration scripts used directly in production.
- Resolved 1,662 Jira tickets over 9 years — 75% self-filed (scope driver, not executor); 310 P1 blockers closed; 88% closure rate; 231 back-ports across release branches with zero nightly regressions, including single changes landed on 5 branches simultaneously.
- Gatekeeper for MSSQL area of dlpq-qa-gate (sole reviewer + merge-approver); authored a Claude Code AI tooling suite adopted team-wide (pr-review, regression-monitor, bug-fix, cluster-create, qa-scope plugin) — reduced regression triage from hours to minutes; driving end-to-end AI-delivered QA pipeline.
- Led Active Directory infrastructure migration to qa-ad.delphix.com (2020–2022): migrated 33–45 images and ~15 clusters across AWS, VMware, and Azure with simultaneous back-ports to two release branches and zero fleet disruption.
- Certified SQL Server 2019 & 2022 on Windows Server 2019, 2022 & 2025 across standalone/AG/FCI × 4 backup vendors (Commvault, NetBackup, Redgate, LiteSpeed); mentored peers through certification; guided SQL Server 2025 certification for Delphix. Technical lead for Ansible-based Windows GI automation — cut image creation from 1 week to under 2 hours.
- Conducted 100+ technical troubleshooting interviews across Developer and SDET hiring loops; onboarded multiple QA engineers onto the MSSQL platform; go-to resource for Windows + MSSQL infra across the QA org.

TSYS International (Netspend) via GlobalLogic — Test Analyst 2 Jul 2016 – Jul 2017

Backend quality for card-services infrastructure — JBoss/WildFly migration, microservices, JMS

- Led QA for Neo backend migration (JBoss 5 → WildFly 8) and Fee Service decomposition into 30+ microservices — zero client regression; authored Python automation for log parsing, server orchestration, and Bamboo CI pipeline.
- Scoped and drafted reliability + performance test plan for GMP (Mastercard/Visa/Elan card-processing gateway) with JMS integration — fraud-detection path with sub-millisecond latency requirements.

Paytm / One97 Communications Pvt. Ltd. — Senior QA Engineer Jan 2015 – Jul 2016

India's leading digital payments platform at peak growth — USSD services, Vodafone & Reliance Pan-India

- Performed manual, automation, performance, and database testing for USSD pull/push services across Vodafone and Reliance networks at national scale; stack: Java/Spring/Maven/Tomcat/MySQL.
- Developed shell-scripting automation and ran JMeter/SoapUI performance suites for telecom services serving millions of users across Pan-India networks.

Earlier Career — QA Engineer May 2013 – Dec 2014

TekMindz India Pvt. Ltd. CMMi Level 3 — E-Governance, Banking HRMS, African Payment Gateway

- Delivered QA across banking HRMS (Allahabad UP Gramin Bank / PNB-RRB) and payment gateway (Pay4Me EBPP, Nigeria) — manual, automation (Selenium), performance (JMeter), and database testing. Awarded Quality Practitioner of the Quarter 4x at TekMindz.

TECHNICAL SKILLS

Languages	Python, T-SQL, PowerShell, Shell Scripting
Databases	SQL Server (2008–2026), Sybase ASE, MySQL / MariaDB, Oracle (learning)
Windows Infra	Windows Server 2012R2–2025, WSFC, Always On AG, FCI, Active Directory, WinRM
Cloud / Virt	AWS, OCI, Azure, VMware vCenter (in-house owner, QA-ESXi static clusters), KVM, VirtualBox
CI / Tooling	Delphix, Jenkins, Bamboo, Git, Ansible, JMeter, SoapUI, Splunk, JIRA
AI / Automation	Claude Code (skills authoring, agent orchestration), Selenium WebDriver, Pytest
QA Practices	Test strategy, release-gating, back-port discipline, infrastructure-as-code, Hiring

EDUCATION

Bachelor of Technology, Computer Science & Technology

Amity University, Noida, UP | 2012