

# RAKSHA SINGH

Oracle Database Administrator | Linux Systems Engineer | Database Support Specialist

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## PROFESSIONAL SUMMARY

Results-driven Oracle DBA and Linux Systems Engineer with 4+ years of hands-on experience in Oracle database administration, PL/SQL development, performance tuning, and large-scale data centre infrastructure projects. Demonstrated ability to support mission-critical, high-availability environments for global airline clients (British Airways, Iberia Airlines / IAG). Proven track record in query optimisation (up to 40% execution-time reduction), zero-incident server decommissioning (50+ assets), and RPA automation achieving 99%+ uptime. Seeking Oracle DBA / Senior Database Support roles where deep technical expertise, strategic thinking, and cross-functional leadership create enterprise value.

## CORE TECHNICAL SKILLS

Oracle Database Administration	Oracle 11g/12c/19c, RMAN backup & recovery, Data Pump (expdp/impdp), AWR/ASH/ADDM tuning, Tablespace & Schema management, Partitioning, Indexing, Execution Plans, Hints, RAC awareness
PL/SQL Development	Stored Procedures, Functions, Packages, Triggers, Cursors, Exception Handling, Bulk Collect, FORALL, Dynamic SQL, Query Rewriting & Optimisation
Linux / Unix Administration	RHEL / CentOS / Ubuntu, Performance tuning (top/sar/vmstat/iostat), LVM, NFS, Disk Quota, SSH/PAM/sudo/chmod, Bash scripting, cron, logrotate, yum/dnf/apt, Patching
Automation & Cloud	Python scripting, IBM TJ Bot RPA, AWS (EC2, S3, IAM), CI/CD awareness
Tools & Frameworks	PuTTY, VMVisualizer, OASIS, JIRA, ServiceNow, ITIL Incident & Change Management, Runbooks, SOPs, Audit Compliance
Databases	Oracle DB (primary), MySQL, PostgreSQL

## PROFESSIONAL EXPERIENCE

**Linux Systems Engineer – Oracle Database & Infrastructure Support** Oct 2022 – Present

Coforge Limited, Noida, India | Client: British Airways / IAG (Data Centre Exit Programme)

- Led end-to-end decommissioning of **50+ Linux and Windows servers** in a mission-critical data centre exit, achieving **zero data loss, zero service disruption**, and full audit compliance — on time and within budget.
- Orchestrated pre-decommission governance including port scanning, process auditing, dependency mapping, and cross-team sign-offs (Application, Database, Network, Security), reducing rollback risk to **0%**.
- Managed and tracked **100+ change management tickets** end-to-end in JIRA, ensuring every decommission had required approvals before execution — contributing to a **100% change-success rate**.
- Maintained accurate asset inventories, decommission checklists, and compliance artefacts; documentation passed **3 consecutive internal and external audits** without findings.
- Used VMVisualizer, PuTTY, and OASIS to validate server status, confirm zero active connections, and execute controlled shutdowns across heterogeneous environments.
- Collaborated with senior DBAs to support Oracle DB health checks, tablespace monitoring, and schema-level validations during service migration windows.
- Authored and maintained detailed runbooks and SOPs adopted as standard operating procedure by a **5-member infrastructure team**.

**PL/SQL Developer & Database Support Engineer (Intern → Junior)** Mar 2022 – Sep 2022

Coforge Limited, Noida, India | Client: Iberia Airlines / IAG

- Designed, developed, and optimised **20+ PL/SQL stored procedures, functions, packages, and triggers** for enterprise Oracle DB systems, reducing average stored-procedure execution time by **up to 40%** through index analysis, execution-plan tuning, and query rewrites.

- Maintained **99%+ uptime** for the Iberia Airlines IBM TJ Bot RPA suite across a 12-month production window through proactive monitoring, incident triage, and rapid resolution.
- Delivered IBM TJ Bot automation POC documentation that secured **client approval for expanded RPA deployment**, directly increasing automation coverage.
- Executed backend database maintenance (schema updates, data cleanup scripts, environment refreshes) supporting **3 Oracle DB environments** (Dev / UAT / Prod) with zero prod incidents.
- Partnered with senior DBAs to debug complex stored procedures, resolve data integrity issues, and document all procedures with inline comments in a versioned script repository.
- Performed AWR/ASH analysis to identify resource-intensive SQL and recommended index strategies that reduced I/O load by an estimated **25–30%** on high-traffic tables.

## KEY ACHIEVEMENTS

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- **Zero-incident Data Centre Exit (British Airways):** Led decommissioning of 50+ servers with zero data loss, zero service disruption, and a 100% change-ticket approval rate — recognised as a model programme.
- **40% PL/SQL Performance Improvement:** Reduced Oracle stored-procedure execution time by up to 40% across enterprise airline back-end systems through targeted index optimisation and query rewrites.
- **99%+ RPA Uptime (Iberia Airlines):** Maintained near-perfect robot availability over 12 months, minimising manual intervention and enabling uninterrupted automated operations.
- **Audit-Ready Documentation:** Authored decommission runbooks and SOPs that passed 3 consecutive audits without findings, establishing a reusable compliance framework.
- **RPA Expansion Approval:** IBM TJ Bot POC documentation directly contributed to client decision to expand automation deployment, increasing process coverage.

## EDUCATION

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**B.Tech – Electronics & Communication Engineering**

Aug 2018 – Aug 2022

Shri Ramswaroop Memorial College of Engineering and Management, Lucknow | CGPA: 7.5 / 10

## CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

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- Python for Automation – Intermediate Level Certification
- IBM TJ Bot: AI & Robotics Automation – Hands-on Project Certification
- AWS Fundamentals: EC2, S3, IAM – Cloud Practitioner Level
- ITIL Foundation – In Progress (Target: Q3 2026)

## ADDITIONAL INFORMATION

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<b>Languages</b>	English (Professional Proficiency)   Hindi (Native)
<b>Availability</b>	Immediate / 30 Days Notice
<b>Work Authorisation</b>	Indian Citizen – Open to Relocation Across India / Remote