

Ajitvir Singh

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Professional Summary:

Oracle Database Administrator with 10+ years of experience managing mission-critical database environments across healthcare, logistics, port operations, and enterprise consulting. Expertise in Oracle 10g/11g/12c/18c/19c/21c, RAC configuration, Data Guard, GoldenGate replication, RMAN backup/recovery, and Linux administration. Proven record delivering 99.9%+ availability, optimizing performance, and leading database modernization initiatives. Red Hat Certified Engineer (RHCE) with strong analytical background through independent portfolio and strategy development. Seeking Oracle DBA / Infrastructure / DevOps-oriented roles in India or globally.

Core Competencies:

- **Databases & Infrastructure:** Oracle 10g/11g/12c/18c/19c/21c, RAC, GoldenGate, RMAN, performance tuning, database migration
- **Systems & Scripting:** Linux/Unix administration (RHCE certified), shell scripting, automation, SVN version control, Bugzilla bugs handling and reporting, Git management
- **Quant & Trading:** Portfolio management (up to ₹50L), mutual-fund alpha generation, derivatives strategy (Futures & Options), Hedging strategies deployment, Pine Script algo development, back-testing and optimization
- **Tools & Languages:** SQL, Shell scripting, pine script, familiarity with Python for data analysis
- **Soft Skills:** Problem solving, analytical thinking, independent research, documentation, stakeholder communication

Professional Experience:

1. Tata Consultancy Services Ltd:

Oracle DBA

(Jan, 2013 – July, 2017)

- CVS Health: A pharmacy innovation company with a simple and clear purpose: Helping people on their path to better health.
- NMPT: New Mangalore Port is a deep-water, all-weather port at Panambur, Mangalore in Karnataka state in India, which is the deepest inner harbor on the west coast.
 - Managed multiple client projects including CVS Health and New Mangalore Port Trust (NMPT).
 - Installed and configured Oracle 10g/11g enterprise databases on Linux/Windows/Unix platforms.
 - Administered Oracle RAC clusters and performed database cloning and migration activities.
 - Handled RMAN-based backup and recovery for production and test environments.
 - Maintained SVN and Bugzilla servers in Linux environments to streamline development and issue tracking.

- Provided technical documentation, knowledge transfer, and mentoring for junior DBAs.

2. **Cignex Datamatics Technologies Pvt limited:**

Oracle DBA

(July, 2017 - May, 2018)

- Aon and Alight Divestiture: Aon is the leading global provider of risk management services, insurance and reinsurance brokerage, and human resource consulting and outsourcing. The divestiture of its outsourcing segment allowed it to pursue other emerging areas in HR, including insurance and cybersecurity.
 - Managed Oracle database environments for Aon and Alight Divestiture project.
 - Provided 24x7 production support and handled critical database issues under SLA timelines.
 - Worked with business users to analyze performance bottlenecks and deliver tuning recommendations.

3. **Sopra Steria Ltd:**

Oracle DBA

(June 2018 – March 2019)

- Poland based client support: Sopra Steria, a major player in the European tech sector is recognized for its consulting, digital services and software development. It helps its clients drive their digital transformation and obtain tangible and sustainable benefits.
 - Supported a Poland-based client for Oracle Database and infrastructure administration.
 - Managed installation, configuration, and patching of Oracle 11g/12c/19c/21c databases on Linux servers.
 - Implemented database backup and recovery strategies using RMAN.
 - Coordinated with global IT teams to ensure 24/7 database uptime and high availability.

4. **Self-Employed:**

Co-founder: Stealth mode Startup

(March 2019 – Nov 2025)

- **Mutual-Fund Rotation System (2019–2023):** End-to-end strategy for rotating between mutual funds using momentum and macro signals; included risk parity-style rebalancing and portfolio-level drawdown protection. Conducted walk-forward tests and paper-trade validation, further incorporated as real time market execution
- **Derivatives Algos and Hedging System (2023–2025):** Set of Pine Script strategies for Indian F&O (index and single-stock). Included volatility-based entries, time-decay hedging with options, and trend filters. Back-tested across multiple market regimes.
 - Founded and operated a startup in the share-market research and investment strategy domain, working full-time without salary while developing the product and models.

- Managed and tracked equity and mutual fund portfolios up to ₹50 Lakhs, focusing on disciplined risk management and structured decision-making.
- Developed a mutual-fund alpha-generation model by dynamically rotating funds based on market momentum, sector cycles, and macro indicators to outperform standard benchmark returns by almost 10%.
- Conducted in-depth research on Indian derivatives markets (Index and Stock Futures & Options) to build systematic, rules-driven strategies for directional and non-directional trading.
- Designed and implemented algorithmic trading models using Pine Script, including volatility-based systems, trend-following strategies, and option-hedged strategies generating return of 18-22%.
- Performed extensive back-testing, optimization, and real-time monitoring of all strategies to ensure robustness across market conditions.
- Independently handled market analysis, model development, documentation, and testing for the startup.

Key outcomes: Demonstrated consistent simulated alpha generation vs. passive fund tracking during tested periods; scaled strategy testing from pilot capital to full portfolio allocations with hedging.

Educational Qualification:

Examination	School/College	Board/University	Year	Percentage
B.Tech.(Information Technology)	Jaipur Engg. College & Research centre,Jaipur	Rajasthan Technical University, Kota	2008-12	67.6
10+2(Science)	Loyola High School,Patna,Bihar	Central Board of Secondary Education	2007-08	73.4
Matriculation	Military School Dholpur,Rajasthan	Central Board of Secondary Education	2005-06	79.4

Awards/Achievements/Certification/:

- **Red Hat Certified Engineer (RHCE)** on **RHEL 5.3** (June 24,2010)
Certificate Number: **805010153550348**
- Gold Medal — National Level Math Olympiad
- National Science Olympiad — Top 150 Rank
- Global Mathematics Talent Probe — Top 30 Rank

Additional Skills & Notes:

- **Languages:** proficient at professional level in English, Hindi
- Comfortable with TradingView Pine Script development and back-testing (supporting parallel projects).
- Intermediate Python capability for analysis and strategy testing.
- Available for relocation and international opportunities.