

Arjun Rao

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Summary

Highly motivated and detail-oriented Database Administrator with a proven track record of successfully managing and optimizing SQL Server and MySQL databases. Experienced in database design, performance tuning, backup & recovery procedures, and ensuring data integrity within demanding environments. Eager to contribute expertise and drive efficiency at DataCore Solutions.

Skills

- SQL Server (Advanced)
- MySQL (Proficient)
- Database Design & Modeling
- Performance Tuning & Query Optimization
- Backup & Recovery Strategies
- Data Integrity & Security
- Troubleshooting & Root Cause Analysis
- ETL Processes (Basic Understanding)

Experience

DataCore Solutions | Database Administrator | 2019 – Present

- Managed and maintained a suite of SQL Server databases supporting critical business applications.
- Developed and implemented performance tuning strategies, resulting in an average database response time reduction of 15%.
- Designed and implemented backup and recovery solutions to ensure data availability and minimize downtime (RTO/RPO).
- Monitored database health, identified potential issues proactively, and implemented corrective actions.
- Collaborated with development teams on database design and schema optimization.

Education

CEPT University | Bachelor of Science in Computer Science | 2019

- GPA: 3.8/4.0
- Relevant Coursework: Database Systems, Data Structures & Algorithms, Operating Systems, Software Engineering.

Projects

- **Database Migration Project:** Successfully migrated a legacy Oracle database to SQL Server with minimal disruption to business operations. Implemented data validation and reconciliation procedures to ensure accuracy during the transition.
 - **Performance Tuning:** Conducted thorough performance analysis of key SQL queries, identified bottlenecks, and implemented index strategies that improved query execution times by up to 30%.
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