

## Murrel Miranda

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Experienced **Oracle Administrator** skilled in managing and optimizing databases for critical banking applications, with expertise in data analysis, machine learning, and developing predictive models and dashboards.

### EDUCATION

**University of Texas at Arlington** | Master in Information System

*August 2024 - Present*

**St. Joseph University, Bengaluru** | Master in Big Data Analytics | GPA: 3.22/4.0

*June 2021 – April 2023*

**Vartak College of Science, Mumbai** | Bachelor in Computer Science | GPA: 3.12/4.0

*June 2018 – April 2021*

### TECHNICAL SKILLS

**Languages:** Python, SQL, R, Data Visualization Tools (e.g., Tableau, Power BI, ggplot2), C, C++ Frameworks: Pandas, NumPy, Hadoop, Tableau

**Databases:** Oracle Database, MySQL, PostgreSQL

**Software and Tools:** Jupyter Notebooks, R Studio, Apache Hadoop, Apache Spark, Git, Keras

**Platform:** Google Data Studio, Linux, Mac OS

### PROFESSIONAL EXPERIENCE

**Oracle Administrator:** Wipro Technologies Private Limited, Mumbai, India.

*Mar 2023 – July 2024*

- Managed the installation, configuration, and administration of Oracle databases supporting critical banking applications, ensuring high availability in a 24/7 environment.
- Implemented robust backup and recovery strategies, providing minimum RTO and zero RPO and enhancing data protection in compliance with banking industry regulations.
- Involved in migration and upgradation of legacy banking systems to Oracle Exadata platform, coordinating with cross functional teams to ensure seamless transition and minimal disruption to business operation.
- Documented the learning for the future reference for the Database system and team.

**Oracle Database Administrator Intern:** Wipro Limited, Mumbai, India.

*Jan 2023 - Feb 2023*

- Participated in monitoring database performance and optimizing SQL queries for enhanced efficiency.
- Supported database migration projects, ensuring seamless transition and minimal downtime.
- Participated in regular database health checks and performance tuning activities.
- Engaged in learning sessions and workshops to enhance skills in Oracle database administration.

**Virtual Internship:** Rustomjee Academy for Global Careers, Mumbai, India.

*June 2021 - Aug 2021*

- Assisted in designing and delivering virtual training sessions on Cloud based online video conferencing tools.
- Collaborated with senior trainers to develop training materials and resources.
- Provided administrative support, including scheduling sessions and managing participant inquiries.

### PROJECTS

- Dogs Emotion Recognition Using Machine Learning**

To recognize dog's emotion from their expression by using CNN. Lead a team of 4 individuals and formulated the solution.

- Sentimental Analysis on Ukraine-Russia War Using R**

Twitter data (Kaggle) was used to understand the psychology and behavior of the society and their stand on the Ukraine-Russia war.

- Stock Market Analysis using Time Series**

Built an R-shiny based dashboard application to perform technical analysis of stocks. Implemented stock price forecasting using traditional time series models like Auto Regressive Integrated Moving Average (ARIMA).

- Orphanage Management System and Hostel Management System**

Build a website using Web Programming for Orphanage Management and Hostel Management System respectively.

### LEADERSHIP & INVOLVEMENT

#### Supplementary Involvements

- Participated in Antarchakshu Workshop for visually impaired.
- Volunteered in DATAGRAM, organized by the Department of Big Data Analytics of St. Joseph's University on 5<sup>th</sup> and 6<sup>th</sup> May 2022
- Organized events for National Service Scheme (NSS) such as Beach Clean-up Drives, Blood Donation Drive, Safety Drives, etc. during undergraduate

#### Certifications

- Oracle Infrastructure Foundation Certified.
- Hacker rank Gold level Badge in Python and Statistics.
- Pandas, NumPy, NLP, SQL Certification Course by Kaggle.