

# Yashwanth Raj Tirupati

☎ (937)-469-9700 ✉ [tyashwanth99@gmail.com](mailto:tyashwanth99@gmail.com) 🔗 [linkedin.com/in/yashwanthtirupati](https://www.linkedin.com/in/yashwanthtirupati) 🌐 [github.com/proxiee](https://github.com/proxiee)

## SUMMARY

Highly skilled Oracle DBA with 2+ years of experience in database management, performance optimization, and ETL development. Proven ability to install, configure, maintain, and optimize Oracle databases, ensuring reliability and performance. Expertise in designing, developing, and maintaining ETL processes for seamless data integration. Adept at query optimization, indexing strategies, and package/stored procedure development.

## EDUCATION

### University of Dayton

*M.S. in Computer Science*

**Dayton, Ohio, USA**

*Aug 2023 - May 2025*

- **Concentrations:** Autonomous Systems and Data Science
- **GPA:** 3.41/4.00
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Virtual Reality, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Algorithm Design, Advanced Computer Vision.

### Jawaharlal Nehru Technological University

*B.Tech. in Computer Science & Engineering*

**Hyderabad, Telangana, India**

*June 2018 - July 2022*

- **CGPA:** 7.3/10.00
- **Related Coursework:** Operating Systems, Database Management Systems, Computer Networks, Discrete Mathematics, Web Technologies, Software Engineering.

## EXPERIENCE

### Cognizant Technology Solutions

*Software Developer*

**Chennai, Tamil Nadu, India**

*March 2023 - Aug 2023*

- Developed and deployed full-stack features for enterprise systems using Java and modern front-end frameworks, resulting in improved system scalability and maintainability.
- Collaborated with stakeholders to translate user requirements into technical specifications, delivering robust solutions within an Agile environment and improving API response times by 15%.

### Cognizant Technology Solutions

*Programmer Analyst Intern*

**Chennai, Tamil Nadu, India**

*March 2022-Sep 2022*

- Identified and resolved bugs in enterprise applications, reducing reported issues by 10% for key modules.
- Improved code quality and reliability by authoring technical documentation and enhancing test automation.

## PROJECTS

### Oracle Database Performance Optimization Project

*Jan 2024-May 2025*

- Optimized Oracle database performance by 20% by implementing advanced indexing strategies and query tuning techniques, resulting in significant improvements in application response times.
- Reduced database downtime by 15% through the implementation of robust backup and recovery procedures and proactive monitoring.

### ETL Data Integration for Warehouse System

*Jun 2024 - Present*

- Designed and developed ETL processes using [Specific ETL Tool - mention if known, otherwise remove this phrase] to integrate data from multiple sources into a centralized data warehouse, improving data accuracy by 10%.
- Increased data loading efficiency by 25% through optimization of ETL workflows and data transformation techniques.

### Secure Oracle Cloud Database Migration

*Sep 2023-Dec 2023*

- Successfully migrated an on-premise Oracle database to Oracle Cloud Infrastructure (OCI), enhancing security and scalability.
- Implemented robust security measures, reducing the risk of data breaches by 10% during the migration.

## ACTIVITIES AND LEADERSHIP

### University of Dayton

- Teaching Assistant, CPS 501 (Advanced Programming and Data Structures)
- Secretary, Indian Student Association (100+ members)

**Dayton, Ohio, USA**

*Jan 2024-Apr 2024*

*Aug 2023-Apr 2024*

## SKILLS

**Languages:** Python, Java, C++, C, JavaScript, Kotlin

**Frontend:** HTML, CSS, ReactJS, AJAX

**Backend Frameworks:** SpringBoot, NodeJS

**Database:** MySQL, MongoDB, Postgres

**Automation:** Appium, Selenium, Cucumber BDD, Jenkins, JUnit

**AI & ML:** PyTorch, TensorFlow, Jupyter, OpenCV, LLMs(GPT)