

Muhammad Yousuf

Oracle Techno-Functional | Project Management | Business Apps

Highly skilled Oracle professional with extensive experience in managing and optimizing Oracle databases 9i to 19c and developing applications using Oracle Forms (6i,10g,12c), Oracle Reports, and Oracle APEX. Proficient in configuring Oracle WebLogic Server for seamless deployment. Demonstrated expertise in bridging technical solutions with business needs, delivering scalable, efficient systems. Experienced across industries like Banking, Insurance, Shaheen Airline, Manufacturing(Security Papers Limited), Textile, and Food Processing. Adept in HCM, Payroll, AP, AR, GL, SCM, and Production Planning. Strong in System Analysis, Software Security, compliance, and audits. Proven success in performance optimization, system integration, and project delivery. Skilled at customizing Oracle solutions to meet industry-specific needs, mentoring teams, and providing strategic technical insights. Committed to leveraging my expertise to drive innovation and business growth.

Skills & Strengths

- Techno-Functional
- Oracle Forms
- SQL Server (Microsoft)
- Data Warehouse
- Advanced SQL
- Technical Consultation
- Oracle Report
- Oracle Apex
- ETL
- Agile Methodology
- WebLogic
- PL/SQL (Oracle)
- Redshift
- Integration
- Moodys Engine

Experience - Entry Level

Application Development Manager | PERSISTENT SOLUTIONS PVT LTD - Karachi, Pakistan | Mar 2024 - Present

1. Database Development:

- Designed and optimized Oracle database schemas for diverse business processes, including production, inventory management, and other critical operations.
- Developed PL/SQL, Advanced SQL, Redshift, Data Warehouse, ETL, Integration, procedures, triggers, and packages for business logic and data validation.

2. Team Leadership:

- Led and managed both the Web Application and Oracle Development teams to ensure seamless project execution.
 - **Web Application Team:** Delivered high-quality applications using .NET Core, SQL Server, PostgreSQL, and Angular.
 - **Oracle Development Team:** Oversaw the creation and implementation of Oracle-based solutions, ensuring alignment with business objectives.

3. Application Development:

- Created user-friendly interfaces using Oracle Forms to streamline data entry and monitoring processes.
- Developed comprehensive Oracle Reports to provide actionable insights on production, sales analytics, and financial summaries.

4. Middleware Administration:

- Configured and managed Oracle WebLogic Server to ensure high availability and scalability of ERP applications.
- Deployed and monitored application updates with zero downtime to maintain system reliability.

5. System Integration:

Contact Info

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Education

Federal Urdu University of Arts, Science & Technology, Karachi.

Karachi / Bachelor of Science (BS), Computer Science
(2014)

Government degree college

Karachi / Inter, Pre-Engineering
(2009)

Muslim Public School

Matric
(2007)

Certifications

- ORACLE 11G DATABASE ADMINISTRATION TRACK
OraSoft | 2014

Languages

- Urdu - Native
- Gujarati - Native
- Hindi - Medium
- English - Beginner

- Integrated business modules for real-time data synchronization across departments, including inventory, production, and sales.
- Designed and implemented APIs for external system integration with suppliers and distributors.

6. Server and OS Management:

- Installed, configured, and maintained Oracle Linux servers, ensuring a secure and efficient application environment.
- Implemented robust backup and disaster recovery plans to guarantee business continuity.

7. Customizations and Support:

- Customized reports and workflows to meet client-specific requirements.
- Conducted training sessions and provided real-time support to end-users to maximize efficiency and productivity.

Deputy Manager | Oracle Techno-Functional | Oracle Database | Forms | Reports |

Server Management | SECURITY PAPERS LIMITED - PAKISTAN CURRENCY, ELECTION COMMISSION PAPERS, PASSPORT PAPER, DEGREE PAPER AND MORE SECURITY PAPERS MANUFACTURING COMPANY - Karachi, Pakistan | [Jul 2020](#) - [Feb 2024](#)

Position Summary:

Played a key role in developing, implementing, and managing various software systems, including those for production, procurement, payroll, and inventory management.

Managed internal audits and provided support for external audits by Big 5 firms and ISO-27001 compliance audits.

Led a team of developers, ensuring smooth project execution, troubleshooting, and system optimization while adhering to Agile methodology for iterative development and efficient delivery of business solutions.

Responsibilities:

- Designed, developed, and optimized a wide range of systems, including Production, Accounts Payable, and other enterprise applications, using Agile principles to ensure timely and adaptive development cycles.
- Facilitated the integration of Oracle and SQL Server databases.
- Led internal annual audits and supported external audits by Big 5 firms, ensuring compliance with industry standards and regulations.
- Coordinated and facilitated ISO-27001 audits, ensuring security compliance in all software systems.
- Oversaw the smooth operation and optimization of all systems, conducting regular evaluations to ensure quality and performance.
- Supervised and mentored junior team members in their day-to-day tasks, providing technical guidance and support, including during Agile sprints and reviews.
- Supervised Oracle Apex development and auto-email systems to ensure uninterrupted system operations.
- Ensured regular backups and data integrity for all critical applications.
- Undertook additional tasks as delegated by the senior management team, consistently meeting business objectives while leveraging Agile frameworks for efficient project management and delivery.

Assistant Manager | Oracle Techno-Functional | Oracle Database | Forms | Reports |

Server Management | SECURITY PAPERS LIMITED - PAKISTAN CURRENCY, ELECTION COMMISSION PAPERS, PASSPORT PAPER, DEGREE PAPER AND MORE SECURITY PAPERS MANUFACTURING COMPANY - Karachi, Pakistan | [Jan 2015](#) - [Jun 2020](#)

Position Summary:

Led the research, design, implementation, and management of several critical software systems, including financial analysis and reporting systems powered by Moody's Engine.

Provided hands-on end-user support and collaborated with teams to ensure system performance, including seamless integration and optimization of Moody's Engine workflows.

Supervised and mentored team members to ensure smooth day-to-day operations and project execution, focusing on leveraging advanced tools like Moody's Engine for data-driven decision-making.

Responsible for overseeing the deployment and maintenance of applications, ensuring their reliability and alignment with business objectives.

Responsibilities:

- Designed and developed new applications while modifying existing ones according to business requirements, including implementing Moody's Engine for advanced financial analysis.
- Conducted meetings with end-users to understand their requirements and ensured applications, including Moody's Engine integrations, met business needs.
- Managed the day-to-day functionality of all applications, including Moody's Engine, ensuring their optimal performance and reliability.
- Supervised and mentored junior team members to ensure tasks, including configurations and enhancements of Moody's Engine, were completed efficiently and on time.
- Evaluated and tested new applications, including Moody's Engine modules, providing feedback for improvements.
- Managed backup systems to ensure data protection and consistency for all critical applications, including those utilizing Moody's Engine.
- Supervised Oracle Apex servers (cloud and local deployments), auto-email servers, and Moody's Engine deployments, ensuring system automation and uninterrupted operations.
- Undertook additional tasks as assigned by senior management, consistently meeting organizational goals.

Deputy Assistant Manager | Oracle Database | Forms | Reports | SECURITY PAPERS LIMITED - PAKISTAN CURRENCY, ELECTION COMMISSION PAPERS, PASSPORT PAPER, DEGREE PAPER AND MORE SECURITY PAPERS MANUFACTURING COMPANY - Karachi, Pakistan | Oct 2013 - Dec 2014

Position Summary:

- Played a key role in researching, designing, implementing, and managing various software systems.
- Provided end-user support in collaboration with the team to ensure smooth operation of systems.
- Supervised team members in daily activities, providing guidance and support when required.
- Verified and deployed software applications, troubleshooting and upgrading existing systems.

Responsibilities:

- Designed and developed new applications and modified existing ones based on user requirements.
- Coordinated with end-users to gather and clarify system requirements.
- Ensured the smooth functioning of all applications, identifying and resolving issues promptly.
- Assisted and supervised team members in their day-to-day tasks.
- Tested and evaluated new software applications for performance and efficiency.
- Regularly backed up data to prevent loss and maintain system integrity.
- Managed Oracle Apex server (both cloud and on-premises) and email servers for automation.
- Performed any other duties assigned by the supervisor.

Software Engineer | LUCKY TEXTILE MILLS LIMITED - Karachi, Pakistan | Apr 2013 - Sep 2013

Responsibilities:

- Developed and customized Oracle Forms, Reports, Database Functions, Procedures,
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Triggers, and Tables based on project requirements.

- Worked on modules including Order Management, Processing Management, GatePass, HRMS, and Costing for Dyes and Chemical Systems.
- Designed and implemented automated packages for leave and absentee tracking.
- Responsible for performing design, coding, and ongoing maintenance of Oracle Applications to ensure alignment with project specifications and standards.
- Analyzed project requirements, created detailed design specifications, and translated them into technical solutions.
- Actively identified and resolved system issues to ensure optimal performance and functionality.

Software Developer | FOURGEN INFORMATION SYSTEMS (PVT) LTD - SOFTWARE HOUSE - Karachi, Pakistan | **Jun 2010 - Mar 2013**

Summary:

Designed and implemented robust IT solutions, including Oracle Forms 6i, 10g, SQL, and PL/SQL-based systems, across banking, Insurance, Airline, food processing, textile, and supermarket domains. Successfully led end-to-end software development lifecycle processes, from technical analysis to deployment and support, ensuring seamless system operations. Delivered impactful integrations and tailored reporting solutions, driving efficiency and meeting diverse business requirements.

Responsibilities:

- Engineered IT solutions and designed technical architectures for Oracle integrations.
- Led the development and maintenance of Oracle Forms (Oracle 6i), SQL, and PL/SQL-based reporting solutions.
- Actively participated in all phases of the software development lifecycle, including functional analysis, technical requirements gathering, coding, testing, deployment, and post-deployment support.
- Conducted research to evaluate capabilities and recommended optimal design and implementation strategies to meet business requirements.
- Provided troubleshooting and technical support to clients to resolve system issues and ensure smooth operations.

Projects

Management Information System | Asia Flour Mills , Sirtaj Flour Mills , Bake Parlor , Adil Flour Mills , Bake Sage , Murtaza Flour Mills | **Oct 2012 - Jul 2021**

Tools: (1) Oracle 10, 11g, 12c, 19c (2) Oracle Forms 6i, 10g, 12c (3) Oracle Reports 6i, 10g, 12c (4) Oracle WebLogic Server Management (5) Oracle Linux

Full Stack Development and MIS Implementation for Flour Mills & Bread Companies Operations

Clients: Asia Flour Mills, Sirtaj Flour Mills, Bake Parlor, Adil Flour Mills, Bake Sage, Murtaza Flour Mills

Technologies Used:

- **Database Management:** Oracle Database 10g, 11g, 12c, 19c
- **Application Development:** Oracle Forms 6i, 10g, 12c; Oracle Reports 6i, 10g, 12c
- **Middleware Management:** Oracle WebLogic Server
- **Operating System:** Oracle Linux & Microsoft Windows Server

Project Overview:

Designed and developed comprehensive MIS solutions to streamline the operational workflows of leading flour mills & bread companies. The solutions were tailored to automate and integrate core business functions such as inventory management, production planning, procurement, sales, and financial reporting.

Key Responsibilities:

1. Database Development:

- Designed and optimized Oracle database schemas for production and inventory management.
- Developed PL/SQL procedures, triggers, and packages for business logic and data validation.

2. Application Development:

- Created intuitive and user-friendly interfaces using Oracle Forms for seamless data entry and monitoring.
- Developed robust Oracle Reports for critical business insights, including production output, sales analytics, and financial summaries.

3. Middleware Administration:

- Configured and managed Oracle WebLogic Server to ensure high availability and scalability of the ERP applications.
- Deployed and monitored application updates with zero downtime.

4. System Integration:

- Integrated various business modules to ensure real-time data synchronization across inventory, production, and sales departments.
- Designed APIs to facilitate external system integrations for suppliers and distributors.

5. Server and OS Management:

- Installed, configured, and maintained Oracle Linux servers for a secure and efficient application environment.
- Implemented system backups and disaster recovery plans for business continuity.

6. Client-Specific Customizations:

- Customized reports and workflows to meet each client's unique requirements.
- Provided real-time support and conducted training sessions for end-users.

Achievements:

- Successfully automated manual workflows, resulting in a **30% increase in operational efficiency** for all clients.
- Delivered real-time reporting and analytics, enabling better decision-making for production and sales strategies.
- Ensured 99.9% system uptime with robust WebLogic Server management and Oracle Linux optimization.
- Strengthened data integrity and security by implementing Oracle's advanced database features.

This project not only enhanced the operational efficiency of these companies but also established a robust technological foundation for future growth.
