MAHDI GHAFFARI

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About Me

I am an IT engineer who has worked as an Oracle database administrator and developer for 5 years so far. I like to provide High Availability solutions, mostly in form of providing banks and governmental organizations with technical advice, and I have worked both in development and production environments. I also enjoy learning new technologies, concepts, and paradigms. Producing reports and documentation on capacity planning, network, and data center component designing, backup and disaster recovery strategies, and creating software architectural solutions are some of the main services I provide. I have gained in-depth knowledge and experience as a result of working in a wide range of industries ranging from banking solution providers with large HA databases to software house testing environments. My main priority is to help my team, and I do it relying on cooperative communication, teamwork, and problem-solving skills I have learned throughout these years.

Experience

Oracle Database DBA, Artarad Information Technology Development; Tehran, Iran — Mar 2018 to Present (Freelancer)

Responsibilities:

- Oracle GoldenGate 12c Configuration with Oracle RAC
- Oracle Database Administrator: Installation, patching, configuration, performance tuning and troubleshooting, creating backup and recovery of Oracle 10g / 11g / 12c
- Oracle GoldenGate 12c Configuration with Oracle RAC
- Implemented a near real-time data warehouse
- Consolidated database on Oracle RAC, which is sourced from various, heterogeneous source databases
- Mapped Oracle GoldenGate 12c Data, selected and filtered data, and transformed data
- Deployed BI-directional or Live Standby database replication with Oracle GoldenGate in Iran Chamber of Commerce Industries and Mines
- Deployed Unidirectional or Hot Standby database replication with Oracle GoldenGate in Kharg Petrochemical
- Deployed database replication with Oracle GoldenGate in Persian Gulf Star Oil Company

Oracle Database Consultant, Sadra Service development, and support; Tehran, Iran — Dec 2017 to Present (Freelancer)

Responsibilities:

- Oracle Database Administrator 10g / 11gR2: Installed, Patched, Configured, Performance Tuning and Troubleshooting, Created Backup and Recovery
- Oracle Database Consultant in Design Database and Maintained

Oracle Database Consultant, Magfa IT Development Center; Tehran, Iran — Jun 2016 to Apr 2018 (Project at Mashhad Municipality)

Magfa IT Development Center is one of the most renowned ICT companies in Iran, founded in 1981. I worked for them as a software engineer and DBA.

Some of my tasks as a DBA in this company include:

- Oracle Database 11g administrator
- Installing and patching up Oracle software products
- Setting up brand-new machines including Oracle software installation and Oracle configuration
- Query Optimization
- Generating reports from the database using PL/SQL and SQL
- Developing Oracle Backup and Recovery strategy and scripts implement

Select project(s):

Oracle Database Consultant - Installation, configuration, and providing support for data warehouse databases at Mashhad Municipality

Oracle Database Administrator, Iran Info-Tech Development; Tehran, Iran — Sep 2016 to Feb 2018

I was working as an Oracle database administrator at Bank Saderat Iran (BSI) (lit. "Export Bank of Iran") on behalf of Iran Info-Tech Development Company, maintaining their online Banking Channel Manager which is a Core Banking Wrapper (a 'wrapper' is used for communication between core banking systems and modern services which are developed in DPI (Ex IBM of Iran)).

Tasks:

- Configuring Zero Down–Time Migration Replication with Oracle GoldenGate
- Bidirectional Replication with Oracle GoldenGate for BCG (Bank Central Gateway)
- Multi-Master Replication Topology with Oracle GoldenGate in Two Node TCT (Telecommunication Company of Tehran)
- Managing GoldenGate Instances Using EMCC
- XAG integrates with Oracle Clusterware and Oracle GoldenGate

Application DBA, FANAP; Tehran, Iran — Jan 2016 to Jan 2018 (Project at Bank Pasargad)

FANAP ICT Co. is owned by Pasargad Financial Group (PFG), the strongest private financial and investment corporate group in Iran. FANAP ICT was established by a small group of experienced engineers within PFG who aspired to elevate the domestic FinTech industry to support and contribute to global innovation.

- Tuning Oracle WebLogic Server
- Tuning JBoss Application Server
- Tuning Apache Tomcat
- Tuning Java Application Performance
- Tuning Application Server Switch Banking

Oracle Database Administrator, JAPCo; Tehran, Iran — May 2017 to Aug 2016 (Project at Iranian Ministry of Interior)
JAPCo is a science-based IT company founded in 2009, providing digital printing and other photo-related services to high-profile local organizations.

Select project(s):

Database Converter - Compression of photos and documents for the Iranian Ministry of Interior. Main tasks in this project include: Converting Microsoft SQL Server databases to Oracle databases using Oracle Database Gateways and Open Database Connectivity (ODBC) to reduce maintenance cost; moving database schema changes from staging to production; using Oracle backup utility RMAN to implement Oracle backup and performed media recovery; performing database tuning.

Oracle Database Administrator, AVA SALAMAT; Tehran, Iran — Sep 2015 to Aug 2016 (Project at Iranian Ministry of Health and Medical Education)
AVA SALAMAT is a company providing the Iranian Ministry of Health and Medical Education with technological services and IT solutions. I was a SQL and PL/SQL Developer at the Iranian Ministry of Health and Medical Education. We have designed and setup Oracle Data Warehouse at the Ministry of Health and Education.

Some of my tasks include:

- Creating dashboards of Oracle BI on data warehouse
- Developing PL/SQL Program Units
- Administrating Oracle Database 11g
- Building Repository in OBIEE
- Creating logical dimension hierarchies and level-based measures
- Administrating Oracle Linux 6
- Building and Maintaining Data Warehouse

Education

Islamic Azad University, Tehran, Iran — Bachelor's Degree, Software Engineering, Sep2014 to Aug2017

Some of the courses completed include:

- Engineering mathematics
- Discrete mathematics
- Algorithm design
- System programming
- Advanced software engineering

- Computer architecture
- Artificial intelligence
- Computer simulation
- Internet engineering
- Advanced Database
- Webpage design
- Digital Design
- Automata theory
- Entrepreneurship

Technical and Vocational University, Tehran, Iran — Associate's Degree, Jan 2011 to Jan 2014

Some of the courses i passed include:

- Introduction to computer operating systems
- Advanced programming
- Database fundamentals
- Data structure fundamentals
- LAN networks practicum
- Information and storage and retrieval
- Software engineering fundamentals
- Web programming
- Entrepreneurship in IT industry
- Work placement

Skills

- Oracle RDBMS - Release 8.x to 12c
- Oracle High Availability - Oracle RAC, Oracle Data Guard
- Data Replication - Oracle GoldenGate
- Operating System - GNU/Linux(Redhat, CentOS, OracleLinux)
- Database Security - Oracle Audit Vault and Database Firewall
- Programming Languages - Advanced PL/SQL, Python, Java, C#
- Enterprise Management - OEM 11g/12c/13c, Oracle EM Ops Center 12c

Achievements

Certificate of Attendance	*Oracle Administration Workshop II* Artarad Company
Certificate of Attendance	*Oracle Administration Workshop I* Artarad Company

Certificate of Attendance	*Workshop on CCNA Routing and Switching* Shahid Beheshti University
Certificate of Attendance	*Workshop on CompTIA Network+* Shahid Beheshti University
Certificate of Attendance	*Oracle Database 11g Administrator Certified Associate* Oracle School of Iran
Certificate of Attendance	*Workshop SSIS, OracleBI, SAS, Target* Andish System Company
Certificate of Attendance	*Oracle Database 11g Administrator Workshop I* Sharif University of Technology
Certificate of Attendance	*Linux Shell Scripting* Sharif University of Technology
Certificate of Attendance	*Linux Professional Institute-2* Sharif University of Technology
Certificate of Attendance	*Linux Professional Institute-1* Sharif University of Technology
Certificate of Attendance	*Linux Kernel Compile* Sharif University of Technology
Certificate of Attendance	*Security Evaluated Operating System* Sharif University of Technology
Certificate of Attendance	*Certified Ethical Hacking* Sharif University of Technology
Certificate of Attendance	*Oracle BI Suite 11gR1 Create Analyses and Build Repositories* Iranian Ministry of Health and Medical Education
Certificate of Attendance	*Oracle Database 11g PL-SQL Program Units Develop* Oracle School of Iran
Certificate of Attendance	*Oracle Database 11g SQL Fundamentals* Oracle School of Iran
Certificate of Attendance	*Oracle Database 11g SQL Tuning* Asre Danesh Afzar Company
Certificate of Attendance	*Oracle GoldenGate 12c: Fundamentals for Oracle* Magfa IT Development Center

Social Activities

Founder and Leader of the Iranian Oracle Users Group

The Iranian Oracle Users Group (IROUG) is an independent, not-for-profit organization founded by users of Oracle software products (DBAs, Developers, Analysts, and IT management) to extend our knowledge about Database, APEX, BI, ADF, and JAVA. Our meetings are held in Tehran, Iran.

Co-Founder Tehran LUG

Tehran LUG is a Linux User Group based in Tehran. It is a community of Linux enthusiasts who share their knowledge about GNU/Linux operation systems and make their best effort to contribute in promoting GNU/Linux operation systems, open-source software product, and digital freedom.

Portfolio

- Deployed database replication with Oracle GoldenGate in Iran Chamber of Commerce Industries and Mines
- Deployed database replication with Oracle GoldenGate in Kharg Petrochemical
- Deployed database replication with Oracle GoldenGate in Persian Gulf Star Oil Company
- Deployed database replication with Oracle GoldenGate in JAM Petrochemical
- Deployed database replication with Oracle GoldenGate in Morvarid Petrochemical
- Deployed database replication with Oracle GoldenGate in Iran Aseman Airlines
- Deployed database replication with Oracle GoldenGate in Kermanshah Petrochemical
- Deployed database replication with Oracle GoldenGate in Delijan Cement Company
- Deployed database replication with Oracle GoldenGate in Sunich Company
- Installed and Configured OBIEE and ODI in Mashhad Municipality
- Installed and Configured Oracle GoldenGate in Mashhad Municipality

Certificate of Good Performance

Date: March 12, 2018
No.: 96/4659
Annex: N/A

گسترش انفورماتیک ایران
IRAN INFO TECH DEVELOPMENT CO.
سهامی خاص

Certificate of Good Performance

This is to certify that Mr. Mahdi Ghaffari, son of Naser, holder of the National ID 0017125431, ID Card issued in Tehran, has worked with this coroporation as a Production Expert from 8/30/2016 until 3/20/2018, and we are extremely satisfied with their behavior and performance. This certificate is issued in request of the aforementioend person to verify his experience, and shall bear no other values.

Mohammadreza Atighi
Director of Personnel Affairs

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