

Frank Curcio
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(919) 272-3235

TECHNICAL SKILLS

- **Software Languages:** SQL, PL/SQL, UNIX/Linux shell scripting, Python, XML, C, C++, HL7.
- **Software Tools:** Oracle RDBMS 9i/10g/11g/12c/19c, Oracle RAC, ASM, SQLPlus, Oracle Data Pump, Oracle Enterprise Manager, RMAN, TOAD, Oracle SQL Developer, PostgreSQL, pgAdmin, Windows Server AD, Amazon Redshift, Amazon S3, AWS Pipeline, Talend, Tableau, Docker, Visual Studio C++, Access, Eclipse, VMWare, WinCVS, SharePoint, ServiceNow, GitHub

PROFESSIONAL EXPERIENCE

HealthELink (Consultant via iSmile Technologies)

June 2023 – Feb 2024

Senior Database Administrator

- Maintain PostgreSQL databases in AWS;
- Migrate data from several sources to Postgres databases in AWS;
- Troubleshoot database performance problems;

Oracle DBA consultant (independent)

Apr 2022 – June 2023

- Assisted clients with Oracle database problems;
- Upgraded Oracle 12c databases to 19c;
- Installed Oracle 19c on new servers;
- Performed quarterly patch installs for Oracle 19c databases

Idemia (contractor via Capgemini) (fully remote)

Oct 2021 – Apr 2022

Data Migration Specialist

- Built Linux servers and installed Oracle 19c and company software;
- Troubleshot problems with Oracle and Postgres installations and operation;
- Assisted developers with database and PL/SQL coding problems;

Syngenta Global (contractor through Randstad Technologies)

Aug 2019 – Oct 2021

Database Administrator/Developer

- Successfully completed transfer of Oracle 19c databases to EC2 servers in AWS;
- Converted Oracle 19c database to PostgreSQL database;
- Created tables, views, procedures, and functions using PL/SQL and shell scripts;
- Set up High Availability Oracle database;
- Assisted development team with SQL code syntax and database problems;

Various Contracts (eTeam/Perspecta/TEKSystems)

Jan 2017 – July 2019

Database Administrator

- Created objects and wrote procedures for Oracle 19c and Microsoft SQL databases;
- Lead DBA on two internal USPS projects;
- Managed backups with Oracle RMAN for disaster recovery;;
- Successfully migrated Oracle 12c database to AWS using Oracle Data Pump and RMAN;
- Created Oracle 19c Standby databases (HA) for internal applications;
- Installed and configured Oracle Data Guard;
- Performed Oracle and Microsoft SQL database backups and restores;

Digital Turbine

Aug 2015 – Sept 2016

Database Developer

- Assisted development teams with writing queries, views, and SQL commands;
- Created and maintained test and production AWS Redshift and PostgreSQL databases;
- Utilized AWS Pipeline for ETL of Amazon S3 data to Redshift;
- Converted Oracle databases to Amazon Redshift databases
- Created database views to interface with Tableau and internal reporting tools;
- Performed troubleshooting and performance tuning of Oracle databases

Deloitte**Oct 2014 – Aug 2015***Database Developer*

- Designed and modeled database structures for data analytics;
- Installed and maintained test and production PostgreSQL databases;
- Created and executed ETL jobs connecting Talend to databases;
- Created database views to interface with Tableau reports;
- Wrote Python scripts to augment ETL process;

Global Knowledge**March 2014 – Sept 2014***Oracle Database Administrator*

- Applied patches and executed Oracle 11g upgrades to 9i and 10g databases;
- Created and modified PL/SQL packages, procedures and functions;
- Troubleshoot databases and query performance issues;
- Wrote CRON jobs in bsh on LINUX for Oracle database
- Created SQL queries and Cognos reports for Project Management

Fidelity Investments, Inc. (Contractor via Veritude)**May 2013 – March 2014***Oracle Database Administrator*

- Executed Oracle imports, exports, backups and installs;
- Diagnosed and correct problems with Oracle Advanced Replication;
- Used SQLPlus and SQL Developer for daily duties;
- Performed database upgrades and clone development and ASM databases.
- Created LINUX shell scripts for RMAN database backups

Truven Health Analytics (Formerly Thomson Reuters Corporation/MercuryMD) May 2003 – May 2013*Oracle Database Administrator*

- Lead DBA on Thomson Reuters' Charge Capture project;
- Maintained standalone and Oracle RAC test and production instances;
- Added nodes to RAC clusters and troubleshoot RAC issues;
- Designed, wrote and modified Oracle database tables, views and procedures for new and existing company products;
- Created and maintained database builds;
- Installed, maintained and tuned in-house development databases;
- Performed Oracle imports and exports dictated by development needs;
- Collaborated with cross functional teams within company using Agile software development methodology;
- Internally supported test and production environments using Red Hat Linux servers;
- Utilized Oracle Job Scheduler to load data and Oracle monitoring to monitor data and compile information.

Tivoli, a division of IBM**Nov 1997-Aug 2001**

- Wrote programs in C++ for Level 3 Support Team;
- Maintained databases and code for Tivoli Decision Support product;
- Installed DB2, Oracle, Sybase, and Informix databases;

CERTIFICATIONS/TRAINING

- Oracle Certified Professional DBA training, DBBasics, Inc, Durham, NC.
- Oracle 9i Certified Professional DBA

EDUCATION

Virginia Polytechnic Institute and State University
B.S., Management Science - Decision Support Systems