**Robert Kwiencien**

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**Software Engineer**

Analytical, detail-oriented IT Professional with over 25+ years’ experience seeks opportunity to provide technology solutions to support architecture, design, and administration. Advanced performance tuning, capacity, and optimization of data-driven apps including data quality management and data migration across different hardware and RDBMS. Practical experience in all levels of testing, including performance, functionality, integration, regression, and user acceptance testing. Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues. Extensive experience in application development, full life-cycle database and application design, development, testing, installations and upgrades experience. 20+ years of physical and logical database design, performance tuning, disaster/recovery, and management of PostgreSQL databases, Oracle, and development including PL/SQL, Java, SQL, JavaScript, C, Python. Background in mathematics allows easy ability to develop a wide variety of machine learning and numerical analysis related programs.

**Technical Knowledge**

**Databases:** Oracle (versions 8 through 12c), PostgreSQL V8, 9,MySQL, NoSQL: MongoDB, Google – FireBase (Google’s cloud-based real-time database), Oracle Enterprise Manager, Solar Winds, Cloud/Operating Systems/Servers: AWS-Could, Linux, Linux Servers, Apache, Windows V10, 8.1, 7.0, Windows 2008, 2005, 2003, Heroku, OpenVZ Virtualized Servers

**Languages:** C, Java, PL/SQL, Shell Scripting, Perl, JavaScript, Python, R

**Methodologies:** Agile, SDLC, SOA, Continuous Integration, Data Governance, MDM, Data Movement Architecture – ETL, BI, PCI Compliance

**Business Continuance**: Oracle Streams, PostgreSQL Replication, Standby Database, Oracle RAC, Oracle DataGuard

**Web technologies**: JavaScript, Ajax, JQuery, Node.js, HTML5, CSS, Bootstrap, Express.Js

**Source Control/**

**Utilities**: git/github, subversion, Jenkins

**Development Tools:** Eclipse, jDeveloper, Sqldeveloper, TOAD, Sublime, Atom

**Dependency/**

**Package Management:** npm, conda

**Paas:** Heroku

**Issue Tracking:** Jira

**Data Visualization:** Plotly, Matplotlib, Seaborn, Google Charts

**Professional Experience**

Oracle Developer (Contractor), **Travel Centers,** Cleveland, OH October 2017 – May 2018

Database developer tasked with the migration of multiple Oracle 11g databases to Oracle 12c. Accomplished with the use of the imdp/expdp utilities. Some custom java code was developed to fetch DDL scripts from the 11g database for objects that needed to be created in the 12c database prior to importing the data. Many of the databases required a re-engineering of shell scripts and PL/SQL stored procedures as some of the migrations involved changing the data model. I addition, performance data was saved from the source database so SQL performance could be maintain in the target environment. Scheduling of database jobs was moved from a crontab architecture to Jenkins and Oracle Jobs.

Oracle Developer/DBA (Contractor), **PNC,** Cleveland, OH August 2016 – February 2017

Developed ETL for financial Data Warehouse and PL/SQL code for OFSAA application. Coordinated the work within the team and presenting demos to the client for every stage of the project. Established standards in programming, optimized query performance debug performance issues, troubleshot system performance issues, and migrated data from Oracle 11g to Oracle 12c. Monitored database health with Oracle Enterprise Manager and Solar Winds.

Oracle DBA (Contractor) February 2015 – March 2016

Provided development and design assistance to development and other application support teams. Supported developers working on SQL, including development of best practices, hands on demos, and knowledge transfer DBA support for IBM MDM implementation Oracle 12c. Developed PL/SQL utility packages; selectively purged large amount of data. Accountable for optimizing complex SQL queries, monitoring Oracle performance using SolarWinds and Oracle Enterprise Manager. Continuously managed performance through trending analysis and work with development teams on identified tuning opportunities. Developed Java applications with the IBM InfoSphere platform and made

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recommendations to improve the performance and efficiency. Oversaw the trouble shooting Oracle RAC performance issues and migrated data from earlier versions of Oracle 10g/11i to 12c.

Oracle Architect, **HyperProductive**, Cleveland, OH March 2016 – August 2016

Troubleshot, identify and resolve issues with Oracle database infrastructure. Supported an enterprise database infrastructure with hundreds of databases. Designed PL/SQL applications for JDA implementation and conducted design/code reviews for JDA specific applications. Oversaw the optimization of complex queries. Actively monitored the Oracle platforms to increase efficiency, improve reliability, and minimize operating expenses. Provided input towards the direction of future technology for Oracle.

**Sherwin Williams**, Cleveland, OH

Oracle PL/SQL Developer (Contractor), September 2014 – February 2015

Developed stores accounting applications in PL/SQL improving performance and stability of database systems. Investigated and implemented solutions for data quality issues. Maintained documentation for technical systems.

Developed and maintained proper data extraction processes and augmented queries. Translated business into technical requirements, Tested and debugged Oracle PL/SQL and Java packages. Developed web-based applications that allowed for database performance tracking

Oracle Consultant (Contractor) October 2012 – October 2013Handled the responsibilities of developing and performing techno-functional work requests of the Oracle General Ledger applications. Developed/deployed JBoss applications to track DB performance and application code in PL/SQL and Java. Responsible for delivering technical programs and design documents as per functional requirement. Assigned the responsibilities of providing technical support and oversight for the implementation of new deployments. Handled the tasks of supporting testing and solving testing issues.

Oracle Developer (Contractor), **DFAS**, Cleveland, OH March 2014 – September 2014

Provide support on a wide range of database development and administration functions in an ETL for accounting data warehouse, including running test queries, troubleshooting database problems, maintaining version control of database entities, advising customers on new database features, and leading studies to evaluate the effectiveness of current database methods and procedures, investigation of issues arising from data loss and corruption. Accountable for the creation of applications in OBIEE and PL/SQL procedures.

**Additional Work History**

Oracle DBA/PostgreSQL DBA, **SparkBase**, Cleveland, OH October 2013 – March 2014Database Architect, **DimpleDough**, Cleveland, OH November 2010 – October 2012 Oracle DBA/Oracle Developer (Contract), **PNC/National City Bank,** Cleveland OH July 2006 – November 2010Oracle Developer Developer, **ProQuest,** Richfield, OH February 2006 – July 2006Senior Oracle Database Administrator, **Micros-Retail (Datavantage),** Cleveland, OH September 2003 – February 2006 Senior Oracle Database Administrator, **CTG**, Cleveland, OH September 2002 – September 2003Oracle DBA, **Acero**, Cleveland, OH January 2000 – September 2002Senior Consultant, **EMC**, Independence, OH January 1999 – January 2000 Oracle DBA, **NetGenics**, Cleveland, OH June 1998 – January 1999 Senior Consultant, **Oracle**, Independence, OH June 1996 – June 1998 Senior Consultant,**HP,**Cleveland,OH Aug 1981 – June 1996

**Education & Training**

**Case Western Reserve,** Cleveland, OH

*Coding Boot Camp Full Stack Development Certificate*

M.A. Sociology, *Specialized in Statistics and Survey Research Methodology*B.A. in Psychology, *Minor in Mathematics with specialization in Statistics*