

# George Woods

412-996-1352    gvwoods@gmail.com

## Summary

Multi-Dimensional professional with excellent logical, analytical and communication skills, demonstrated ability to work under pressure, and a vast technical expertise, which enables creative solutions to complex problems. Strong interest in Business Intelligence, Big Data and Cloud technologies.

## Experience

### **Database Administrator (Oracle and SQL Server) & Business Intelligence Architect**

**Wabtec Corporation** January 2016 - Present

- Architect database and application solutions on premise and in Azure.
- Lead on migrating the on-premise Microsoft Data Warehouse to Azure, including setup of Azure Analysis Services, Azure SQL databases and Automation accounts using Runbooks for SSAS processing.
- Design landscape and business unit structure in Azure environment for cost segregation.
- Implemented companywide installation of Power BI Premium for reporting.
- Configure and test Azure database for MySql service.
- Investigate and recommend technologies to support enterprise-wide BI reporting and analytics platform.
- Provide technical and architectural guidance to projects and teams.
- Collaborate with various Business, Operations, Applications and Data and Analytics groups to define, establish and run processes that ensures adherence to enterprise data standards and architecture principles.
- Review and analyze existing systems and make recommendations for improvements.
- Develop standards around database security and maintenance.
- Design process to monitor multiple SQL Server processes using SSRS and PowerShell.
- Unix Shell scripting and maintenance.

### **Sr. Oracle Database Manager**

**PNC Bank** June 2015 - January 2016

- Manage the design, development, and maintenance of Oracle databases.
- Provides a strategic level of technical leadership to the database group, IT, and the enterprise.
- Establishes policies and procedures related to data security and integrity.
- Perform functions such as backup and recovery, database consistency checking, loading and unloading data, installs, configuration, administration and troubleshooting.
- Oracle databases (version 11i and 12c) and Oracle OEM (version 12c)
- Unix Shell scripting and maintenance.

### **Senior Software Engineer**

**Allegheny Health Network** June 2014 - June 2015

- Designs and develops programming systems making specific determinations about system performance.
- SQL Server DBA for Microsoft BI Warehouse Team, with duties including creating PowerShell scripts for space monitoring and backups, assisting developers with SQL, create and setup agent jobs, security and completing production database restores.
- Reviews and repairs legacy Cognos, Talend, MySQL and Vertica code.
- Administration of numerous applications including Microsoft 2008/2012 Servers, SAP Business Objects and EPIC Cogito Data Warehouse which includes installations, upgrades, configurations, security, user set up and troubleshooting.
- Took on Production Release Engineer duties which entailed investigating and making suggestions for the release process; trained coworkers on the process and assisted in any troubleshooting issues.
- Tests new programs to ensure that logic and syntax are correct, and that program results are accurate.
- Provide assistance to testers and support personnel as needed to determine system problems.
- Documents code consistently throughout the development.

## **SQL Server DBA and Microsoft BI Developer**

**Eastman Chemical Company** December 2010 - May 2014

- Extensive experience in MS SQL Server development using the BI suite of products (SSIS, SSAS, SSRS)
- Designed and implemented Microsoft BI Solution for Business Analysts converting from Cognos.
- Performed all phases of software development lifecycle (Design, Development, Testing, Support).
- Knowledge of data modeling methodologies.
- Experienced in creating, tuning and troubleshooting SQL, Views, Stored Procedures and Functions.
- Assisted in the design and monitoring of the new data warehouse.
- Assistant Team/Project Lead in an Agile/Scrum environment.
- SQL Server Database Administration

## **Oracle DBA/SAP Basis Admin**

**Eastman Chemical Company** May 2007 - October 2010

- Performed all aspects of mission critical database administration of 35 SAP Oracle Databases and 50 Non-SAP Oracle Databases and Oracle Enterprise Manager.
- Daily admin duties including software installs, database creation, migrations, upgrades, backup/recovery, patches, monitoring, security, troubleshooting, planning, trigger creation, developed and maintained stored procedures and export/imports.
- Performed parameter changes, table/index analysis, and other tuning processes.
- Determine requirements for future database growth and implementations.
- Documentation and presentation of requirements, standards, procedures, security.
- Assist programmers with SQL query writing, tuning and troubleshooting.
- Unix shell scripting and maintenance.
- Trained and mentored new database administrators.
- 24/7 SAP and Database support.
- Lead on upgrading SAP Oracle databases from 9.2 or 10.2
- Lead on Upgrade/Unicode conversion project of SAP SCM 5.0 to SCM 7.0
- Lead on Unicode conversion project of 3TB SAP ERP system.
- Troubleshoot SAP problems and assist analysts with their issues.

## **Skills**

Microsoft Azure, Microsoft Business Intelligence Development (SSIS, SSAS, SSRS), Power BI, Agile Data Warehouse Design, Agile Scrum Master training, Oracle Database Administration (vers. 9-12), SQL Server Database Administration (vers. 2000-2017), Systems (AIX, Linux(OEL/RHEL) and Windows 2000-2016), Programming (Powershell, Shell Scripts, C#)

## **Education**

**Edinboro University of Pennsylvania, 2002**

Bachelor of Arts (B.A.), Advertising/Communications

**Radford University, 2007**

Bachelor of Science (B.S.), Computer Science

**Activities and Societies:** President ACM; Vice-President ACM