PETER McKEIGUE

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(708) 601-2235

petermckeigue.com

SENIOR DATABASE ADMINISTRATOR WITH 11 YEARS OF EXPERIENCE MANAGING THE STABILITY, SECURITY, AND PERFORMANCE OF HIGHLY AVAILABLE WEB APPLICATIONS

PROFILE

Bilingual uptime artist, expert communicator, and meticulous documentarian with experience providing robust support for Oracle/Linux and SQL/Windows platforms. Demonstrated track record of innovation, collaboration, problem-solving, and root-cause analysis. Working priorities include automation, unit testing, customer advocacy, and continual improvement. Skillsets include migrations, security, and performance tuning.

PROFESSIONAL EXPERIENCE

SQL SERVER DATABASE ADMINISTRATOR II
2019 | ACCRUENT, FORTIVE - DENTON, TX/REMOTE

Switched teams from Oracle and learned SQL Server to meet the company's evolving and expanding needs.

Learned the Agile paradigm at the company's direction and co-led a project to reorganize 30 individual contributors into several pods. Served for two years as Scrum Master, working closely with Product Manager to identify priorities and eliminate blockers for the team, before training others on the role and turning it into a duty rotation for pod members.

Planned, executed, and communicated to internal stakeholders a project to convert 1,100 single-byte schemas to double-byte via PowerShell and T-SQL scripts over several maintenance windows.

Overcame dynamic GraphQL performance tuning challenges by collaborating with Software Engineers about designing a covering index to eliminate plan choices in the optimizer.

Performance Tuning, Encryption at Rest, T-SQL, CMD, PowerShell, Python

DEGREES & CERTIFICATIONS

B.A. SPANISH
Knox College 2004

IN PROGRESS
1Z0-071 Oracle Database SQL
          Certified Associate
1Z0-083 Oracle Database
          Administration II
1Z0-149 Oracle Advanced PL/SQL
          Developer
DP-300   Administering Microsoft
          Azure SQL Instances

SKILLS & DISCIPLINES

Scripting
  Bash, PL/SQL, T-SQL, PowerShell, Python, JavaScript, Vim
Backups and Restores
  RMAN, Disk Snapshot, expdp
Disaster Recovery
  Strategy, Implementation, Testing, RPO, RTO, Config Management
High-Availability
  Oracle RAC, SQL Server HA Groups, VM clusters, Load-balancing
Replication
  GoldenGate (OGG), DataGuard, Change Data Capture, Streams
Migrations
  impdp, SQL*Loader, DB directories, csv, temp tables, cursors, cleanup
Data Warehousing and Reporting
  ETL, MicroStrategy, PowerBI, SSRS
Code Deploys
  Octopus, Jenkins, Deploy pools, Continuous Integration/Delivery, Regression testing, Feature toggles, Rolling deploys, Schema deploys

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PROFESSIONAL EXPERIENCE

SENIOR ORACLE DATABASE ADMINISTRATOR
2018 | ACCRUENT, GENSTAR CAPITAL - AUSTIN, TX

Promoted to Oracle DBA in 2016. Ensured the recoverability and standardization of important scripts and artifacts by creating a centralized Git repository for DBA teams.

Wrote a suite of scripts to standardize and automate the datacenter migration/Oracle upgrade of 50+ VLDB's across 20+ servers using Bash, expdp, impdp, and PL/SQL. Reduced the amount of required downtime from hours to seconds and eliminated operational risk by use of GoldenGate replication.

Eliminated human error by designing and programming a Text User Interface to automate database refreshes of lower environments. Eliminated human error and enhanced disaster recoverability by designing Bash scripts to automatically backup/restore the crontab.

On-Prem to Cloud Migrations, OEL, AWS, Oracle 12c, OGG

JUNIOR ORACLE DATABASE ADMINISTRATOR
2013 | ACCRUENT, VISTA EQUITY PARTNERS - AUSTIN, TX

Relieved pressure from Systems Administration team by learning to stop/start IIS, deploy web app code via Jenkins, and cut/restore NetApp snapshots. Restored lower environments from Production backups upon request. Reduced the number of false alarms by adding secondary logical checks to existing alerts prior to reporting to on-call. Created a robust new database monitor around a vital business process by writing PL/SQL, Bash, and collaborating with SysAdmin resources to automatically induce the appropriate server to stop/start the queueing service via JavaScript when detecting the targeted problem scenario.

Excelled in a fast-paced setting, effectively adapting to new technologies and environments. Successfully acquired proficiency in Oracle 11g on RHEL via self-directed learning and on-the-job experience.

RHEL, Oracle 11g, RMAN, CDC, PL/SQL, Streams, Bash, DataGuard

SKILLS & DISCIPLINES

Methodologies
Agile Scrum, RACI, 5S, VOC, RPN, PSP, API, Secure Product Development
Security
Binary patching, SOC Audits, IAM, User/Profile/Group management, Key-based authentication, TLS, SSL, SSH, SFTP, HTTPS, Encryption at rest
Code Branching
SourceTree, BitBucket, Git
Administration
PDB, CDB, TNSnames, Listener, Binary Patching, Tomcat, IIS
Monitoring
Oracle Enterprise Manager (OEM), LogicMonitor, Nagios, PagerDuty
Scheduling
Cloud/Grid Control, crontab, Windows Task Scheduler
Operating Systems
Oracle Enterprise Linux (OEL), RedHat Enterprise Linux (RHEL), Ubuntu, CentOS, Windows Server, Virtualization, Config Management
Cloud Computing
Amazon Web Services (AWS), Microsoft Azure, Oracle Cloud (OCI)
App Logging
Logz.io, Splunk, ElasticSearch
Third-Party Tools
SolarWinds, SSMS, Toad, Salesforce, SQL Developer, NotePad++, VS Code, Atlassian (Jira, Confluence, Trello)
Third-Party Packages
Brent Ozar's "First Responder Kit", Ola Hallengran's "Maintenance Solution", Erik Darling's sp_HumanEvents and sp_PressureDetector
Troubleshooting
extended and sunset support, international character sets, event logging, trace routing