MARCUS WEBB

DATABASE SECURITY SPECIALIST

CONTACT

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Seattle, WA

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SKILLS

SQL Server TDE / Always Encrypted
Oracle Database Vault
PostgreSQL Row-Level Security
CIS Benchmark / DISA STIG
T-SQL / PL/SQL
Dynamic Data Masking
SQL Server Audit / Oracle Audit Vault
SIEM Integration

EDUCATION

George Mason University

Fairfax, VA

B.S.

May 2015

Information Assurance

GPA: 3.8

CERTIFICATES

Microsoft Certified: Azure Security Engineer Associate

November 2022

Microsoft

Validates expertise in implementing security controls, maintaining an organization's security posture, and identifying/remediating vulnerabilities.

Certified Information Systems Security Professional (CISSP)

April 2021

ISC²

Globally recognized cybersecurity credential covering security and risk management, asset security, and access control.

Oracle Database Security Certified Associate

September 2019

Oracle

Validates skills in Oracle database security features including Database Vault, Audit Vault, and Label Security.

SUMMARY

Database Security Specialist with 9 years of experience securing SQL Server and Oracle environments at Microsoft and Palantir. Eliminated 3 critical CVEs, reduced unauthorized access incidents by 94%, and implemented column-level encryption across 280+ tables holding PII data for 12M users.

EXPERIENCE

Microsoft — Redmond, WA

Senior Database Security Specialist — March 2020 - Present

- Designed and enforced row-level security policies across 14 SQL Server databases serving Azure Active Directory tenants, reducing unauthorized data exposure by 94%
- Implemented Transparent Data Encryption (TDE) and Always Encrypted for 280+ tables storing PII/PHI for 12M enterprise users
- Conducted quarterly database vulnerability assessments using CIS Benchmark tooling, patching 3 critical CVEs within 48-hour SLA
- Built automated audit trail system with SQL Server Audit capturing 100% of DML operations on sensitive schemas, reducing compliance reporting time by 60%
- Collaborated with InfoSec to deploy dynamic data masking for 45 dev/staging environments, eliminating production data exposure in lower environments

Palantir Technologies — New York, NY

Database Security Analyst — June 2017 - February 2020

- Managed Oracle Database Vault configurations for 8 government-facing databases, enforcing least-privilege access for 200+ application accounts
- Automated privilege review process using PL/SQL scripts, cutting quarterly access certification time from 3 weeks to 4 days
- Deployed Oracle Audit Vault to centralize 6B+ audit events per month; built SIEM integration reducing MTTR for security incidents by 55%
- Remediated 18 high-severity findings from DISA STIG audits across Oracle 19c environments within 30-day remediation windows

Booz Allen Hamilton — McLean, VA

Junior DBA / Security Associate — August 2015 - May 2017

- Supported FISMA compliance reviews for PostgreSQL and SQL Server databases on classified DoD projects
- Wrote T-SQL scripts to enumerate and revoke excessive PUBLIC role permissions across 30 databases

PROJECTS

Project Lead

Database Security Project — Jan 2020 - Mar 2020

Developed a comprehensive database security plan for a large financial institution, resulting in a 99% reduction in security breaches

SQL • Python • Apache

Team Member

Database Encryption Project — Jun 2019 - Aug 2019

Designed and implemented a database encryption protocol for a healthcare organization, resulting in a 100% reduction in data breaches

Java • C++ • MySQL

LANGUAGES

English ●●●●●

Spanish ●●●●○