

PROFESSIONAL RÉSUMÉ

Joseph A. Coleman Sr.

Graph Database Administrator, Distributed Database Engineer, and AI Integration Architect

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Summary

Graph Database Administrator, Distributed Database Engineer, and AI Integration Architect. Computer Scientist with 30+ years of experience building, modernizing, and operating enterprise database, analytics, cloud, software, and AI platforms.

Core Competencies

Graph Database Administration

Administering and engineering enterprise graph-database platforms with attention to reliability, access governance, and operational enablement.

Distributed Database Engineering

Engineering and operating distributed database platforms across modern data and analytics workloads.

Cloud and Platform Engineering

Building, modernizing, and operating cloud and platform foundations that support enterprise database and software delivery.

Data Platform Reliability

Sustaining platform reliability through operational automation, generalized disaster-recovery scope, and disciplined administration practice.

Solution Architecture

Guiding solution architecture across database, analytics, cloud, and application modernization initiatives.

AI Integration Architecture

Integrating AI capabilities into enterprise platforms with architecture, enablement, and operational responsibility.

Database Automation and Operational Excellence

Improving database operations through automation, technical enablement, and repeatable platform engineering practice.

Experience

Senior Engineering Software Advisor

Graph DBA & AI Integration Engineer

Evernorth Health Services · November 2021 – Present · **Current**

Administers and engineers enterprise graph-database platforms while contributing to AI integration, operational automation, platform reliability, access governance, and technical enablement. Serves in the official role of Senior Engineering Software Advisor with the public-facing title Graph DBA & AI Integration Engineer.

Senior DBA / Engineering Consultant

Senior DBA / Power BI Engineer

Aiden Technologies · October 2024 – June 2026

Delivered part-time database engineering, Python ETL, Azure SQL, PostgreSQL, and Power BI consulting for operational reporting solutions. Built and supported data pipelines and six dashboards while serving as Senior DBA / Engineering Consultant with the public-facing title Senior DBA / Power BI Engineer.

Sr. Business Systems Lead Data Engineer

Senior Data Engineer

Intuitive Surgical, Inc. · September 2020 – October 2021

Developed and modernized Python-based data-processing tools that parsed, validated, compared, and transformed engineering files and reports. Upgraded legacy Python and Django applications, implemented more than 50 processing rules, and produced structured HTML, CSV, log, and Excel outputs as a senior data-engineering consultant.

Senior Global Solutions Architect & IT Manager

Senior Global Solutions Architect

Blaize, Inc. · August 2018 – May 2020

Led global solutions architecture and internal technology initiatives spanning cloud, networking, identity, SaaS, application, database, and graph-data platforms. Supported engineering and AI-platform environments as Senior Global Solutions Architect & IT Manager, with the public-facing title Senior Global Solutions Architect.

Senior Solutions Architect

DWTI · January 2018 – August 2018

Provided senior solutions architecture and technology leadership for blockchain, graph-data, application modernization, and client software initiatives. Designed proof-of-concept and MVP solutions using Ethereum, Solidity, React, Go, Neo4j, APOC, SQL Server, C#, .NET, and JavaScript while serving as Senior Solutions Architect with additional Acting Director of Technology scope.

Education

Degree in Computer Science