

M I T C H E L L H E N R Y M C C A R S K Y

Data Professional

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HIGHLIGHTS

- Database development
- Database analysis
- Database reporting
- Application development
- Team leadership
- Backup and Recovery
- Migration exercise
- Project management
- Microsoft Certified
- Agile methodology

PERSONAL SKILLS

- Strategic Planning
- Organization Skills
- Excellent communicator
- Great team collaborator
- Results-oriented
- Client-engaged
- Strong eye for detail
- Analytical thinking

EDUCATION

MCSE: SQL 2016 Data Management and Analytics | 2019

MCSA: SQL 2016 Database Development | 2018

Southern Polytechnic Univ. | 2013

Java, C, C++, OpenGL, Data Structures, SQL, C#.NET and XNA

Dalton State College – Dalton | 2011

Java, Physics, Chemistry, Calculus

Internship at Oak Ridge Nat'l Lab | 2006

Java, Java Servlet, Apache Tomcat, MySQL

PROFESSIONAL PROFILE

Highly analytical database specialist demonstrating years of experience in providing high-level database development, analysis, design, security, reporting, and application development for reputable organizations. Possess in-depth knowledge of database types; research methodologies, big data capture, manipulation, and security practices. Expertise in data migration and analyzing large complex data set to draw conclusions and effectively communicate findings with both technical and non-technical teams. Team player with excellent team coordination, business intelligence, analytical thinking, problem-solving orientation, capable of motivating team into achieving organizational goals

EXPERIENCE

DATABASE ARCHITECT

Carlson Capital, LLC.

2021-present

- Architected data solutions to support real-time hedge fund trading
- Created documentation about the database system and provide an operational manual and supporting documentation including information on any changes or improvement
- Introduced RedGate and PagerDuty to improve optics and support response
- Created packages and ETL processes with ActiveBatch, SSIS, Visual Studio
- Streamlined and tuned existing ETL processes
- Created, maintained, and supported Database-related IT Infrastructure
- Orchestrated Disaster Recovery and High Availability exercises and recovery plans
- Modernized existing platform

Technologies used: Enterprise-level data management, Visual Studio, SSMS, SSDT, SSRS, SSIS, T-SQL, Windows, Tableau, SSRS, SSIS, High-Availability Clustering

DATABASE ADMINISTRATOR & DEVELOPER

VPay USA, Inc.

2019 - 2021

- Provided architecture, data management, application integration, reporting, and development initiatives
- Responsible for creating data infrastructure; including high-availability clusters, Tableau Server, LogicMonitor, SSRS, etc.
- Regularly liaised with IT project managers, programmers, and other technical staff
- Handled installation, configuration, maintenance and updates
- Created backup and recovery plans and procedures based on industry best practices
- Designed and developed database objects and deployment packages

Technologies used: Enterprise-level application, Visual Studio, SSMS, SSDT, SSRS, SSIS, T-SQL, Windows, SQL query design and reporting (MS SQL/MySQL/DB2), Windows, Tableau, SSRS, SSIS, High-Availability Clustering, ActiveBatch

PRODUCTION SUPPORT DEVELOPER

VPay USA, Inc.

2015 - 2019

- Responsible for maintaining the Vpay platform and managing technological risk.
- Added system visibility through LogicMonitor as a reporting platform.
- Introduced ActiveBatch as a process scheduling tool that replaced custom cron and incron triggers.
- Numerous processes were tuned or rewritten in Python for enhancement and stability
- Facilitated the reporting for Business Operations through SQL and Excel

Technologies used: Enterprise-level application, SQL query design and reporting (DB2/MySQL/MS SQL), AS/400, Linux, Python, LogicMonitor, ActiveBatch

DATABASE APPLICATION DEVELOPMENT

Cigna

2014 - 2015

- Responsible for finding elegant data transport solutions from various DB2 and Oracle sources to Teradata;
- Built, profile, and tune SQL codebases, checked to index and how queries are handled; QA and analyze data with SAS;
- Automated processes with .ksh scripts and SQL stored procedures.
- Assisted in the introduction of Agile/Scrum methods and basic DVCS code management to a primarily Waterfall-based enterprise.
- Ran performance-testing procedures to ensure the proper operations of a database by troubleshooting any potential problems and creating and submitted testing reports and information about improving the database system

Technologies used: Enterprise-level application, Big Data management, SQL query design and tuning (Teradata/Oracle/DB2), SAS, IBM AIX server administration, Korn Shell scripting, Agile methodologies

TECHNICAL SKILLS

- ❖ Java
- ❖ C/C++
- ❖ C# with XNA and ASP.NET
- ❖ HTML5 and CSS
- ❖ Node.js
- ❖ Linux-, Unix-, and Windows-based Operating Systems
- ❖ Apache Web Server
- ❖ PHP5
- ❖ Teradata, MySQL, Oracle, MS SQL, and DB2 database development
- ❖ SAS
- ❖ git DVCS
- ❖ Windows Visual Studio
- ❖ Eclipse IDE
- ❖ Agile Methodology
- ❖ Python

REFERENCES

Available upon request