

Aaron A Kempf

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MICROSOFT CERTIFIED IT PROFESSIONAL: DBA

SQL Server: Implementation and Maintenance [70 - 431]

SQL Server: Designing a Database Server Infrastructure [70 - 443]

SQL Server: Optimizing and Maintaining a Database Administration Solution [70 - 444]

EXPERIENCE

Freelance Developer [9/2016 – Present]

Various Companies – Remote

WordPress development, design, Systems Administration

Training – WordPress Publishing

Web Hosting Configuration, Security and Automation

MySQL Development, Tuning, Troubleshooting

Hadoop Prototypes – Testing, Setup and Troubleshooting

Database Design, Automation, Scripting

DB Design – scripting, automation

Sr. BI Developer [4/2016 – 8/2016]

Sandia National Labs – Albuquerque, NM

SSRS Development, Training, Optimizations, XML Web Services

SQL Server Migration from Access

SSAS Demonstrations, Modeling

SharePoint Virtualization, setup, configuration

.NET Console tools to ensure the performance and success rate of SSRS calls

Database Development, Training, Troubleshooting

Odoo / ERP Developer [1/2016-3/2016]

Small Business clients

Training – Order Entry, Bookkeeping

PostgreSQL – Development, Migrations and Administration

Modules Inventory, Accounting, Invoicing, Pricing, Bundling, Discounts, Human Resources

ETL import DB, XML, Text, Spreadsheet historical data

PostgreSQL Implementation, Backups, Troubleshooting

Migrations from Spreadsheets to PostgreSQL

Data Warehouse Developer [8/2013-1/2015]

Gorge Networks – Hood River, OR

Warehousing DataMart Design, Dimensional Modeling

Training - SSAS Mentoring

Source Control Integration (RDBMS, SSIS, SSRS, SSAS)

SSAS OLAP Multidimensional, Design, Development, MDX Queries, Calculations, Modeling

ETL SSIS, Integration Services - Development, Optimization, Troubleshooting

DBA DB Developer [10/2012-2/2014]

Stella Jones / McFarland Cascade – Tacoma, WA

Provide DB Development, Administration, and troubleshooting for mid-sized manufacturing company

Training - SSRS Mentoring

Replacing Cognos reports with Native Excel PivotTables / SSAS OLAP, Data Modeling

Warehousing DataMart Design, Dimensional Modeling

Source Control Integration (RDBMS, SSIS, SSRS, SSAS)

ETL SSIS, Integration Services - Development, Optimization, Troubleshooting, 3RD Party components

SSAS OLAP Multidimensional & Tabular, Design, Development, MDX Queries, Calculations

SSRS Development, Troubleshooting

System Center Reporting, Schema Repair, Backups Data Protection Manager DPM

DB Architect [12/2011-10/2012]

EagleView Technologies / HomeDepot.com – St. Paul, MN

Implement inventory and pricing applications involving the HomeDepot.com product catalog

Training - Agile, Relational Design, Stored Procedures, Jr. DBA

Schema Design, Stored Procedures, Code Reuse, SQLCLR, Bitwise

Continuous Integration, Source Control Integration (RDBMS, SSIS, SSRS, SSAS)

ETL SSIS Integration Services - Development, Testing, Automation

SSAS OLAP Multidimensional, Design, Development, MDX Queries, Calculations

SSRS Development

Senior ETL Developer [10/2010-12/2011]

Alliance Enterprises - Lacey, WA

ETL Procedures, Troubleshoot Builds, Diagnose Errors for .GOV software provider

Oracle Migration, Blobs

ETL SSIS Integration Services – XML Authoring, Development, Optimization, Custom ETL Tools

Oracle Query development, Blobs, Linked Servers

Visual Basic Visual Basic.NET .NET Console Applications

SSRS Development

QA Continuous Integration, XML Parsing, Build Reporting, Automation, Source Control, DDL Triggers

Systems Admin [10/2008-10/2010]

National Association of Realtors – Tacoma, WA

Manage databases and servers for multi-tenant SaaS platforms

Training SSRS Mentoring, CRM

Administration 15 physical servers, Hyper-V, VMware, IIS, SQL Server, Scheduling,

Troubleshooting, Optimization, Repair

Administration 20 Desktops & Non - Production Servers, Printers, Antivirus, Optimization, Automation, Deployment

Database Schema Design, stored procedures, tables, indexes, schema, linked servers

SSRS ReportViewer, Administration, Security – financial, real estate, Google Maps integration

Visual Basic, Visual Basic.NET, Classic ASP, VBScript

MySQL Development, Installation, Troubleshooting

Exchange Administration, Troubleshooting, Outlook Automation

Web SEO, XML sitemaps design, IIS Log Management

Web Developer [5/2008-9/2008]

AbcLegal.com – Seattle, WA

Develop Classic ASP and .NET Console Applications for Legal Services firm

Troubleshoot RBAR solution from SQL to Set - based Architecture, receiving and sending email

messages

Database Schema Design, Stored Procedures, Optimization

Visual Basic, Visual Basic.NET, Classic ASP, VBScript

.NET Console Applications

QA Address verification software testing, implementation

Web Classic ASP VBScript Development, Troubleshooting

Lead Technical Consultant [7/2007-4/2008]

G4 Analytics - Telecommute

Implement Pricing & Forecasting software for major retailers

Gather Requirements, Lead other developers with minimal supervision

Warehousing DataMart Design, Dimensional Modeling, Indexing

ETL SSIS Integration Services - development, Design, Maintenance, Testing

SSAS Data Mining & OLAP Multidimensional, Design, Development, MDX Queries,

Calculations

SSRS development

.NET Console Applications

QA Development of testing system for comparing results between 5 different database tiers

DB Developer [5/2007-6/2007]

Department of Licensing – Olympia, WA

Migrate large .GOV Access application to SQL Server Reporting Services

Migrate 120k lines of business logic to SQL Server stored procedures, metadata management solution

Database Write hundreds of stored procedures, Schema Design

SSRS development, migration from MS Access

.NET Console Applications

SSRS Reports Developer [11/2006-4/2007]

Adaptis – Seattle, WA

Migrate from Oracle to MS SQL Server

Training Leading Oracle Developers to SQL2005

SSRS Development, Form Letters, Implement SoftArtisans 'Office Writer'

XML XSLT Developer [9/2006-10/2006]

Forensics Firm – Kirkland, WA

Deliver XSLT scripts and develop automation scripts & testing tools

XML Hundreds of XML Data Files, XSLT Development

QA Design, Build and Implement XSLT Testing Harness for large body of XML Exports under variety of XSLT transforms

Web Design, Demonstrate and Implement Web Browser Automation

SQL Server Developer [7/2006]

Starbucks Corporation - Seattle, WA

Improved performance of critical spatial data queries by filtering data

Business Intelligence SSAS DBA [1/2006-6/2006]

Safeco BI Center of Excellence – Seattle, WA

Administer 100 cubes on 20 SSAS Servers

Configure Security, Scheduling, Documentation, mappings, Connectivity Issues, DB2, Teradata

Warehousing Dimensional Design, Optimization, Automation, Troubleshooting

ETL SSIS, DTS, Automation solution for importing 10,000 Performance Monitor files, log reporting system
SSAS OLAP Multidimensional, Design, Development, MDX Queries, Calculations
SSAS metadata reporting, collection & analysis, Develop PerfMon reporting solution to track performance over time
Visual Basic VBS Scripts, .NET Console Applications for administration utilities, Performance Reporting, Metadata

SharePoint ETL Developer [8/2005-12/2005]
(ACS Group) Sound Transit – Seattle, WA

Collect, Prioritize requirements from various business owners to understand complex rules
Move data from old bTrieve database to SharePoint without complex ETL solutions
ETL Design, Development, Scripting, Retiring legacy bTrieve system
Visual Basic Parsing algorithms, prioritizing and allowing critical data to be extracted where it was not previously searchable

DB Developer – Point of Sale [7/2005-8/2005]
Ultimate Flooring – Renton, WA

Develop and implement new Point-of-Sale solution built on MS Access
Modules - Data Entry, Pricing, Quoting, Invoices, Order Tracking, Inventory
Database Schema Design
Microsoft Access Form Validation, Pricing Automation, Algorithms

DB Developer [6/2005-7/2005]
(Denali AI) Stockpot – Woodinville, WA

Help manufacturing company while their DBA was on honeymoon
Database Backup, Restore, SQL Locking problems, Replication between AS 400 & SQL Server

SDE IV [1/2005-5/2005]
Microsoft Operations – Redmond, WA

Design, Build and Implement software solution for replacing merging spreadsheets in budgeting across Microsoft
Warehousing Dimensional Modeling, Automation, Relational Design
SSAS OLAP Multidimensional, Design, Development, MDX Queries, Calculations
Visual Basic Classic ASP w/VBScript, VBA
Web Classic ASP VBScript, DHTML, COM Components, Development, Debugging, Implementation

Database Developer III [10/2004–12/2004]
(SolutionsIQ) Safeco – Seattle, WA

Develop DataMart, Reporting, and ETL for automating KPI Costing information
Classic ASP VBScript, DHTML, Development, Debugging, Implementation
Warehousing Schema Design, Dimensional Modeling
ETL DTS Automation
SSAS OLAP Multidimensional, Design, Development, MDX Queries, Calculation
SSRS Development
Visual Basic Classic ASP w/VBScript
Log SSAS Processing Troubleshooting, Event Log Management for dozens of servers
Web Classic ASP VBScript, DHTML, COM Components, Development, Debugging, Implementation

DB Developer IV [7/2004-10/2004]**MSN / Microsoft – Redmond, WA**

Monitor log files for data to investigate customer support issues
Web ASP.net error logs for dozens of clusters in order to investigate client problems
Log Web Application Troubleshooting MSN Passport Service
QA Test Web Clients, SQL Server, Locate and troubleshoot errors in scripts (batch, MSI Installers, Database DDL)

DB Developer III [10/2003-6/2004]**Microsoft Corp. Security – Redmond, WA**

Develop better solution for managing 'Big Data' running on 32 bit SQL Server 2000
Training - SSAS Tutoring for Developers, PivotTable Reporting for Users, DataMart Design, Inmon & Kimball Principles
Improve performance 1000x for 10TB Operational Data Store, a single server Pentium 3 8-socket server
Warehousing DataMart Design, Dimensional Modeling, Job Scheduling, troubleshooting, optimization
ETL DTS Automation, Scripting, Troubleshooting, Screen - Scraping
SSAS OLAP Automation, Troubleshooting, Performance
Log ISA Server Intrusion Detection, Event Log Management for hundreds of servers
System Center Microsoft Operations Management Implementation
Screen-Scraping pulling data from many security websites
Web Classic ASP w/VBScript, design, development, debugging, implementation

php / mySQL Developer [7/2003-9/2003]**Squad Studios – Everett, WA**

Develop eCommerce Apps php, mySQL
Optimize mySQL Queries, Databases and Servers

DB Developer [1/2003-6/2003]**TMobile – Bellevue, WA**

Develop Performance Management software to measure call center performance
Warehousing DataMart Design, Dimensional Modeling
ETL DTS – enterprise ETL development, design, DTS Automation, workflow, Visual Basic scripting
SSAS Development, Optimization, Design, Troubleshooting, Automation, MDX Queries and Optimization, Database Modeling
Visual Basic Windows Script Host, VB6, Classic ASP
Log Call Center Performance Analysis, Optimization
Web Classic ASP VBScript development, Office Web Components, XML

DB Developer [1/2003-6/2003]**Jameco Electronics – Redwood City, CA**

Access Development, Design, Automation
AS/400 ODBC Reporting
End User Training, Sales Reporting, Pricing Optimization

DB Developer [5/2000-11/2001]**Briazz IT Accounting – Seattle, WA**

Manage large investment in Microsoft Access, migrate to MS SQL Server
Stored Procedures, Schema Design, consolidate data from disparate systems, Enterprise Information System

ETL DTS Design, DTS Automation, Visual Basic Scripting, error handling
Reporting Crystal Reports, Microsoft Access
Microsoft Access Development, Maintenance, migrate to Office 2000 formats, migrate to SQL Server

EDUCATION

University of New Mexico 2017 [work towards 2nd Bachelors]

Computer Science
Python, Math, Technical Writing

Tacoma Community College [2012]

Web PHP Client Server Intermediate
Web Java Development Introduction

Washington State University [2009 - 2010]

General Studies Degree - completion of my previous 'Management Information Systems' coursework
Database Design, Teradata, Business Intelligence

SQLSoft.com [2001 - 2008]

2008 - Upgrading DBA skills to SQL 2008
2007 - Implementing SSIS Solutions using SQL 2005
2005 - Updating your database development skills to SQL 2005
2005 - Updating your database administration skills to SQL 2005
2004 - Creating Reporting Solutions Using Microsoft SQL Server 2000 Reporting Services
2001 - Design and Implementation of OLAP Solutions using SQL Server 2000 (SSAS)

Bellevue Community College [1999 - 2000]

Visual Basic Enterprise Development (MTS COM+)
SQL Server 7.0 Implementation and Design of SQL Server Databases
SQL Server 7.0 Administration of SQL Server

Washington State University [1993 - 1997]

Management 'Management Information Systems', Calculus, Accounting, Finance, Statistics
Programming Visual Basic, HTML, Microsoft Office
Visual Basic VB6 Development