

# Eric Blake

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## Summary

Accomplished IT professional with extensive experience, including expertise in Business Intelligence and Data Warehousing. Spearheaded architecture and implementation of enterprise-level data solutions, enhancing reporting and analytics capabilities at BAE Systems. Seeking a SQL Developer role to leverage a strong background in SQL, ETL processes, data modeling, and system virtualization to drive business insights and strategic decision-making.

## Work Experience

### **BAE Systems, Inc formally Ball Aerospace ITS**

*Senior ITS Manager* | Lafayette, Colorado/Remote | Oct 2018 - Apr 2024

- Led business intelligence initiatives by managing the BI Data team and maintaining service ownership of multiple reporting and analytics tools, ensuring consistent data stewardship and integrity.
- Developed an enterprise-level data warehouse, enhancing cross-system reporting and alleviating strain on OLTP systems by establishing Operation Data Stores as a reliable data reference for key systems.
- Instituted robust data security measures for the data warehouse, including Operational Data Store (ODS) and Data Mart information, while standardizing data modeling practices across reporting structures.
- Improved Analysis Services databases with refresh optimization and integrated new requirements, enabling Near Real-Time (NRT) data for more timely intraday reporting.
- Advanced the BI environment by implementing a citizen development program, establishing user training protocols, and streamlining the intake process for new requests, which included the migration of Data Virtualization towards a more exploratory model.
- Utilized Costpoint 7/8, Velocity, IFS, SharePoint as well as other pillar applications databases from COTS to Custom developed to create complex EDW and BI Reporting objects and data models.

### **Ball Aerospace ITS (Tek Systems)**

*Business Intelligence Developer, Senior* | Lafayette, Colorado | Nov 2017 - Oct 2018

- Collaborated on the transition from SQL Server 2008R2 to 2017, which included architecting and developing the upgrade strategy, and providing guidance on best practices for virtualizing the Enterprise Data Warehouse.
- Facilitated the conversion of database components, Integration Services packages, and Analysis Services (OLAP) to SQL Server 2017, while adhering to standardized SDLC protocols and scripting automation to ensure a consistent upgrade process.
- Developed a standalone Windows application that enabled the seamless conversion of Analysis Services connections in over 20,000 personalized Excel workbooks to the updated 2017 server.

### **Circadence**

*Virtualization Software Engineer* | Fort Collins, Colorado | Sep 2017 - Nov 2017

- Developed and deployed Continuous Deployment/Continuous Integration (CD/CI) processes, improving the automation of updates, instantiation, and execution for a diverse virtual environment comprising over 240 machines.
- Authored comprehensive documentation to support the scalability and maintenance of CD/CI processes, enhancing product growth and lifecycle management.

## **Otter Products, LLC**

*Senior Developer* | Fort Collins, Colorado | Jan 2012 - Sep 2017

- Managed and improved the availability and operation of Enterprise Data Warehouse (EDW) and reporting systems, ensuring adherence to service level agreements and fostering customer adoption across multiple departments.
- Executed a successful upgrade from SQL Server 2012 to SQL Server 2016, enhancing system performance and reliability.
- Designed and implemented a standardized SSIS Package template, improving the efficiency of ETL processes and enabling software engineers to concentrate on core development tasks.
- Conducted real-time support and performance optimization for the EDW, including database maintenance, log shipping, and replication, while integrating data from diverse sources such as CRM, web analytics, and ERP systems.

## **CEESI (Strategic IT Staffing)**

*Senior Developer / SQL Server DBA* | Nunn, Colorado | Apr 2011 - Jan 2012

- Enhanced CEESI's Caltrac software by transitioning hard-coded SQL to Entity Framework 4.1, improving maintainability and automating testing procedures.
- Transitioned all HTML-based reports to SSRS SQL 2008 R2 and performed database modifications adhering to standard SDLC protocols for production deployment.

## **CPS (Tek Systems)**

*Senior Developer / SQL Server DBA* | Loveland, Colorado | Feb 2011 - Apr 2011

- Transformed legacy Oracle-based ARS product to SQL Server 2008 R2, utilizing SSMA for migration, and streamlined the ETL processes for enhanced data integration, achieving a more efficient batch environment.
- Refined and optimized SQL and T-SQL scripts for SQL Server, ensuring smooth automation of data import tasks and facilitating sustainable system support by CPS staff.

## **Managed Business Solutions, LLC**

*Senior Developer / Business Intelligence* | Ft. Collins, Colorado | Aug 2006 - Dec 2010

- Developed and deployed a Business Intelligence (BI) solution for state tax departments, enhancing visibility into taxpayer data, tax income, and mineral production metrics with month-to-date and year-to-date reporting features.
- Led a team in the creation of a BI platform for a Taft-Hartley organization, streamlining benefits and claims processing, and managing contributions and distributions efficiently.
- Collaborated in the design and launch of online applications for pension contribution submission and shareholder enrollment, improving operational efficiency through automated processing systems.

## **Research Management Systems, INC**

*Software Engineer* | Ft. Collins, Colorado | Mar 2005 - Aug 2006

- Developed and implemented technical solutions, including comprehensive documentation and end-user support, ensuring seamless integration and user adoption.
- Enhanced and maintained a multi-state RFID animal identification system, improving data tracking and interfacing with USDA Premises ID registration.
- Designed and optimized SQL stored procedures and T-SQL scripts, contributing to the robust functionality of both web and desktop applications for GIS-based location tracking.

## **Simple Software Systems, LLC**

*Software / Security Consultant* | Loveland, Colorado | Jul 2004 - Mar 2005

- Delivered comprehensive security consultancy, including network design and system configuration, strengthening the cybersecurity posture of diverse client organizations.
- Created and conducted educational presentations on security best practices, while also developing tailored desktop and web-based applications to enhance operational efficiency.

## **BlueCross of Idaho (Comsys)**

*Software Engineer* | Meridian, Idaho | Jul 2004 - Jan 2005

- Developed custom scripts and T-SQL for efficient loading and reporting of Medicare membership updates, adhering to organizational standards for software and documentation.
- Created a tailored application using VB to facilitate the execution of Facets™ Run Book batch processes, optimizing operations on the application server within a Sybase 12.5 and Facets 4.01 environment.

## **Bluelight Software, LLC**

*Senior Software Engineer* | Loveland, Colorado | Jul 1999 - Jul 2004

- Developed a new CRM software compatible with Windows, incorporating n-tier architecture for enhanced scalability and supporting diverse SQL environments, including PSQL, SQL, DB2, and Oracle.
- Implemented software integration strategies for an existing database, ensuring seamless transition and adoption across more than 175 locations in the US and Canada.

## **BlueCross and BlueShield of Colorado**

*Senior Software Engineer* | Ft. Collins / Denver, Colorado | Oct 1996 - Jul 1999

- Developed a quoting system ensuring compliance with state and company underwriting standards, and served as System Administrator for critical servers, ensuring seamless data integration and system functionality.
- Directed the Data Integration department of 12 consultants, achieving a reduction in monthly overhead from \$1.2 million to under \$80,000, while improving service delivery and customer satisfaction; provided regular project updates to the Chief Information Officer.

## **Education**

### **Colorado State POST**

POST Certified through AIMS Community College Credits | Jul 2007

### **Dale Carnegie**

Manager Development Course, Development course for People Management skills. | Fort Collins, CO | Oct 1992

### **AIMS Community**

Fire Science, Received Fire Science credits through class work for Loveland Volunteer Fire Department. Instructed accredited wildfire courses for Red Card certifications. Fire Officer and Incident Command | Loveland, CO | Mar 1991

### **Apple Computer Corp**

Macintosh Software Development, Certified Macintosh Developer | California | Jul 1988

## **Certifications**

**Fire Fighter I/II/Command/Driver Operator/Red Card/Rope Rescue** | Loveland VFD | Dec 1993

**Fire Fighter of the Year** | Loveland VFD | Dec 1999

**Colorado POST/HAZMAT CE Instructor** | Larimer County | Jul 2007

**Meritorious Service Award** | Larimer County Sheriff's Office | Nov 2010

**Quality Award** | Ball Aerospace ITS | Jun 2020

**SQL ML/Python** | Linked IN Learning | Dec 2020

**Distinguished Service Award** | Larimer County Sheriff's Office | Dec 2023

## Skills

AI - Artificial Intelligence	Management Information Systems (MIS)
Azure/AWS/Google Cloud	Master Data Management (MDM)
Budgeting	Matrix Managing
Budgeting & Forecasting	Microsoft Power BI
Business Insights	Microsoft Power BI Reporting Services
Business Intelligence	Microsoft SQL Server (2019)
Business Leadership	ML - Machine Learning
C#	MySQL
Communication	Oracle
Computer Science	People Management
Conflict Resolution	Pl/SQL
Constructive Feedback	Planning Software
Corporate Strategy	Power BI
Data Analysis	Query Optimization
Data Architecture	Reporting Applications
Data Cleansing	Resource Planning
Data Flow	Scope Management
Data Governance	Software Selection
Data Management	SQL
Data Security	SQL Development
Data Strategies	SQL Server Analysis Services (SSAS)
Data Virtualization	SQL Server Data Tools
Data Warehousing	SQL Server DBA
Data-flow Diagrams	SQL Server Integration Services (SSIS)
Engagement Management	SQL Server Reporting Services (SSRS)
Enterprise Data Management	SQL T-SQL
Enterprise Data Warehouse	Statistical Data Analysis
Enterprise Project Management (EPM)	Strategic Leadership
ETL Processes	Strategy
Extract/Transform/Load (ETL)	System Monitoring
Flow Diagrams	Team Leadership
FP&A Financial Planning and Analysis	Technical Requirements
Incident Management	Vendor Relations
Key Performance Indicators	