

Ken Morrison

XXX.XXX.XXXX – email@email.com – linkedin.com/profile – City, State Zip Code

Business Intelligence Developer

Software Designer – Senior Report Writer – FoxPro Programmer

Software Engineering
Business Intelligence
Data Analysis Solutions
Project Management
Debugging Systems
Report Innovation
Data Storage & Systems
Performance Tuning
Documentation

Creative, innovative programmer with BI focus, keen eye for data solutions, and extensive experience improving application performance/reducing storage needs.

Demonstrated capacity for taking on and delivering complex (sometimes 'impossible') OLAP and reporting projects.

Expert troubleshooter, with proven track record of employing innovative debugging procedures to better identify, isolate, and resolve technical issues.

Well-versed in electronic and mechanical engineering, CAD, CAE, computer and network technology, DSP technology, programming, and programmable logic.

Self-motivated autodidact, dedicated to keeping current through technical articles, product announcements, and major trade journals.

CAREER ACCOMPLISHMENTS

- Spearheaded improvement to Company A's testing/QA process through utilization of UAT server.
- Delivered extremely complex report, at first deemed 'impossible' by programming department, for Company A.
- Innovated unique reporting method at Company B, vastly improving functionality with maximum accuracy.
- Corrected programming error for Company C, drastically reducing run time and error logs.
- Pursue 100% reporting accuracy at Company A, developing/revamping procedures, functions, and views.
- Consistently develop core logic/reporting systems that are subsequently adopted companywide.

PROFESSIONAL EXPERIENCE

COMPANY A — City, State

2013-Present

Business Intelligence Programmer

Manage all elements of comprehensive, accurate reporting environment, including SSRS development, Talend data integration, Datawatch Monarch ETL, JAMS scheduler/Excel coding, and Tableau programming. Focus on achieving 100% reporting accuracy while simultaneously streamlining processes and debugging code to vastly reduce run time and improve delivery methods. Troubleshoot data issues including bad data, process gaps, and system bottlenecks.

- **Specialized Reports:** Take ownership of highly complex projects, including a mortgage transfer document with 5k fields across eight pages and print source files up to ~6GB; successfully completed project with 13 Monarch models, eight SSIS packages, eight SSRS reports, and various tables/procedures/functions. Developed entirely new methods to work around project challenges.
- **Systems Improvement:** Developed new system and designed database for full report automation and email logging. Initiated utilization of UAT server to improve testing/QA processes through live data mirroring.
- **Data Management:** Defined new company data source standard for all report table joins/aggregation, leading to vastly improved accuracy.
- **Storage Needs Reduction:** In process of restructuring group of poorly-performing databases in crucial reporting system and moving many elements to Hadoop; expect reduction in data storage needs by factor of 100 and to greatly improve reporting speed.

...continued...

Ken Morrison

Page 2 • Career Progression (Cont.)

COMPANY — City, State

2012-2013

Senior SSRS Report Writer

Converted to permanent status as result of performance during four-month contract. Assessed and addressed reporting needs, including modifying existing clients, creating new reports, improving existing standard system reports, and troubleshooting/correcting issues. Provided specialized graphical representation/visualization and insightful Business Intelligence tools according to specification, creating drill-down, drill-through, sub-reports, dashboards, and extensive charting for clients including Reynolds, FedEx, and Prudential.

- **Error Correction:** Discovered and resolved various data issues in process of developing new, more coherent/illuminating reports. Vastly improved reporting functionality while optimizing accuracy.
- **Report Development:** Developed innovative account analysis report to completely revamp client banking cost reporting process, providing additional insight into company expenditures.

INDEPENDENT CONTRACTOR — Greater City Area, State

2006-2012

Business Intelligence/FoxPro/SQL Programmer & Technology Consultant

Performed various programming, Business Intelligence, and IT support functions for multiple organizations, with projects lasting anywhere from two months to over a year.

Selected Projects:

- **SQL SSRS Report Writer for Consultant Job A/Consultant Job B:** Built new reports and modified/improved existing systems, leveraging SSMS and SSRS expertise to add functionality.
 - At Consultant Job A, created reports to communicate between two databases (X and customized Y) and provide dataset-driven parameter selection, drill-through capabilities, interactive sorting, and customized data export; developed core logic that also served to identify data problems/inconsistencies between the systems.
- **FoxPro/SQL Programmer for Company C/Consultant Job C:** Developed and modified systems/databases to add new functionality, mine/cleanse/verify data, and reduce run times/errors.
 - At Company C, employed proprietary debugging procedures to perform extensive error testing and utilized Visual Studio SSRS/VFP to develop a wide variety of new reports, facilitating improved decision-making and driving current business functions.
 - At Company C, created programs to verify/monitor transaction tables for corruption/invalid data and provide continuous backups; twice enabled restoration of otherwise lost data.
 - At Consultant Job C, vastly decreased run time and error logs by detecting/correcting programming fault that let in invalid data and rebuilding sections of existing FoxPro code to utilize SQL.
- **Business Intelligence/FoxPro Consultant for Consultant Job D/Consultant Job E:** Performed a variety of programming, data cleansing/migration, code conversion, and system setup functions.
 - At Consultant Job D, decompiled legacy FoxPro ERP executable to code, converted to VFP9, reverse engineered, documented code, and recompiled to VFP9 executable; current version loads/operates 5x faster.
- **Technology Consultant for Company D:** Provided setup, troubleshooting, installation/repair, and general tech support for a broad range of systems, databases, and hardware serving clients including Northwestern University; performed specialty services such as data recovery, system restore, LAN design/configuration, and remote access setup/management.

Additional Experience:

Technical Manager/Minority Owner – Company E

Leveraged knowledge of patent/copyright law to protect and improve business in various crucial ways.

IT Manager – Company F

...continued...

Ken Morrison

Page 3 • Career Progression (Cont.)

TECHNICAL PROFICIENCIES

Environments / Languages: SQL, Tableau, Hadoop, FoxPro, Pascal, Assembly, MS Expressions, Java, Javascript, C#.
Tools / Software: SSRS, SSMS, SSIS, Excel, JAMS Scheduler, Talend Big Data, Datawatch Monarch & Enterprise Server, Turbo Pascal, MS FoxPro, Autocad Inventor, CircuitMaker, Traxmaker, Electronic Workbench EDA, Cognos, Tibco Jaspersoft, MS Powershell, MariaDB, MS Visual Studio, 3D CAD, Corel Graphics, Microsoft Office Suite, OpenOffice.
Systems / Hardware: Windows Systems, Network Devices, Printer/Scanner/Computer Connections, VPN.

EDUCATION AND TRAINING

University A, City, State
Coursework in IBM Cognos 8 BI & Advanced Reporting
Coursework in Framework Manager & Transformer

University B, City, State
Integral Calculus and Analytical Geometry

University C, City, State
Classroom study, 1600 hours: Electronics, Differential & Integral Calculus, Algebra & Trigonometry
Comprehensive training: QA Testing, Environmental Testing, Metrology Lab
Head of Instrument Repair Department

Certifications
ERP System Administrator and Report Writer