SUMMARY

Database Developer / Data Analyst with a track record of over 15 years in the design and support of enterprise-level database and data analytics solutions. Experience with building Business Intelligence reports in a variety of financial and educational domains. Am currently 75% completed with a Data Science Bootcamp focusing on Statistics and Probability, Python Programming and Machine Learning Algorithms and Data Visualizations. Past accomplishments include:

o Developed Portfolio Analytics calculations in T-SQL such as a Correlation Matrix and Portfolio versus Benchmark returns stored procedures at a recent contract as well as at a previous financial institution.

o Programmed a large-scale Excel VBA application to calculate numerous education industry specific statistics used to determine the validity of newly developed multiple-choice test questions.

o Developed an ASP.NET web application front end and SQL Server database featuring complex SQL database programming, including a fuzzy text lookup text mining search function; delivered ongoing administration of the application and database, handling support requests of 70 end-users.

EDUCATION

San Francisco State University
Bachelor of Science Finance

San Francisco State University
Bachelor of Arts Economics

Springboard Data Science Bootcamp   Jan. 2023 - Current

EMPLOYMENT

Signature Consultants, *Business Data Analyst*, Concord, CA   Sept. 2020 - Sept. 2022
- Research documentation and trouble-shooting related to resolving WCIS Reach Help tickets
- Perform SQL scripting to support resolution of WCIS Reach Help tickets.

Aston Carter, *Data Analyst / Business Intelligence Developer*, Concord, CA   Feb. 2020 - Apr. 2020
- SQL Server 2018 Stored Procedure, Query Development and Optimization for Financial Advisor Data.
- Developed and Deployed SQL Server Reporting Services Reports for Financial Data.

Signature Consultants, *Database Developer*, San Francisco, CA   Oct. 2019 - Dec. 2019
- SQL Server 2017 Development; Stored Procedure and Dynamic SQL programming for Reporting on Investment Data and Portfolio Analytics. Programmed Excel VBA for Charting Object Model

Signature Consultants, *Business Data Analyst*   Sept. 2017 - Sept. 2019
- SQL Server 2014 Development, SQL Optimization and Refactoring to improve Prod feed performance and Data Analysis procedures: error tracking for row level and field level discrepancies.
- Data Analysis of Wholesale Banking Information Systems and large data sets to derive Legal / Credit ownership hierarchy of Business Entities.
- Researched and cataloged Business Requirement Definitions, Functional Specification and Design Documents to validate alignment with SQL Database Development.

Robert Half International, *Systems Analyst*, San Francisco, CA   Jan. 2017 - Apr. 2017
- Provided ongoing software on all implemented systems; managed technical support resources to ensure the fulfillment of service-level agreements (SLAs).
- Authored process documentation for the MatrixCare software application, communicated customer requirements to third-party vendors, and programmed T-SQL scripts to automate database backups.
- Collaborated with customers to assess business needs and communicated requirements to teams responsible for software development, testing, and other technical deliverables; ensured that all development efforts aligned with customer expectations.

SCI Consulting Group, *Database Developer*, Fairfield, CA   Jan. 2012 - Jan. 2017
- Developed Intranet applications that supported 70 concurrent users, enabled document management, and calculated comprehensive call center metrics; designed software using Visual Studio, ASP.NET, VB.NET, and SQL Server 2008 R2/2012.
- Defined functional specifications and designed a new SQL Server database, optimized SQL queries, developed stored procedures, SQL Windows functions and UDF programming; performed all development and support according to internal and external customer requests.
- Wrote and deployed reports in SQL Server Reporting Services, developed underlying SQL objects, and created and deployed SQL Server Integration Services ETL packages.

WestEd, *Database Developer*, San Francisco, CA   Oct. 2000 - Sept. 2011
- Supported multiple, simultaneous business-critical data projects, ensuring that all database development and administration initiatives aligned with customers' requirements.
- Conducted requirements gathering, design sessions, and technical reviews with customers; collaborated with business and technology departments to define deliverables and develop database technology solutions used across the organization.
- Programmed and published an ASP.NET online survey application of 30 web forms, which featured data validation controls used to enforce business rules.
- Developed Extract, Transform, Load (ETL) procedures used to extract large data files using SQL Server Integration Services for import into the SQL Server database.
- Wrote database export procedures in order to dynamically generate XML, ensuring that data output schema validated according to clients' business needs.
- Developed MS Access databases with extensive use of OLE Automation for programmatic import/export to Excel and Word.

SKILLS

SQL SERVER DATABASE DEVELOPMENT, PYTHON, JUPYTER AND SPYDER IDE, MS ACCESS VBA, MS EXCEL VBA, MS OFFICE, SSRS/SSIS, VISUAL STUDIO, VS CODE, SQL SERVER MANAGEMENT STUDIO: