Analyst Developer Analyst Developer Analyst Developer South Amboy, NJ Workflow Automation Expert. Software developer who specializes in upgrading Excel-based systems to database application using Rapid/Iterative methodology. Utilizes strong data modeling and programming (e.g., Visual Studio/Winform/C#, Access/VBA, Excel/VBA, SQL Server/T-SQL) skills to develop mission-critical applications such as Dodd-Frank Regulatory Reporting platform, Retail CD New Issue platform, New Issue (Fixed Income) P&L System, etc. Problem-Solver. Strong business background enables direct interaction with users; unique ability to quickly translate complex problems into effective software solution. Extensive use of Excel/VBA to publish custom reports and Pivot tables. Positive user experience. Ability to develop application design that is based on how users work. Work Experience Analyst Developer Fortress Investment Group - New York, NY July 2017 to December 2018 Developed RegFile staging application (i.e., WinForm/C#, Excel/VBA, SQL Server) - Extract, transform and centralize Form PF and AIFMD data templates, from various business units, into staging database prior to Regulatory platform upload; automated scan/read of Excel Range Names to calculate data values. Liason between Compliance and various Controllers group during firm's quarterly Regulatory Filing. Conceived and designed daily trades data feed from Walls St. Office platform into firm's compliance application to generate daily Restricted Trade List. Software Developer State Street Bank - Princeton, NJ June 2013 to June 2017 Designed and developed Calgine (i.e., MS Access/VBA, Excel/VBA) - calculation engine, used for 200+ investment advisers, automates data collection and calculation of risk exposure statistics for Form PF and CPO-PQR regulatory obligation. Asset Classification Engine - implements decision-making algorithm that maps each portfolio security to unique asset classification codes based on user-defined rules. Risk Calculation - collection and ETL of various data files; apply complex rules and algorithms to calculate funds' risk exposure. Custom Excel reports - provides transparency and drill-down capability. File Normalization - Extract and transform third-party administrator data files (e.g., Holdings, Transations, etc.) into format consumable by Calgine. Data intensive application (i.e., 60+ modules, 120+ ETL files, 320+ outputs/reports) utilized by 100+ users globally (Princeton, Boston and Dublin). KPI Dashboard - maintains clients' contact information, quarterly regulatory filing details, revenues, coverage, etc. Software Developer Merrill Lynch - New York, NY April 1999 to October 2012 Built custom applications for front-, middle- and back-office for various Fixed Income clients; software programs include Access, Excel, Outlook, VBA, DAO/ADO, Data Modeling/ERD, SQL, XML, HTML, SQL Server/T-SQL, AS/400, etc. Implemented Rapid Development to deliver: o Retail CD application - CD Traders: used as trading platform to enter and price (i.e. contains present value program logic) new issue trades; generate trade tickets, trade confirms and terms agreements; creates new issue cusip request to S&P (i.e., FTP XML file). Originations Capital Markets: maintains issuer contacts list, dated notes and communications, client coverage, state restrictions, etc; upload quarterly financials data file for FDIC-insured US banks. Trade Support: used for trades reconciliations; record league-table trades to Bloomberg (FTP XML file); Settlements group - performs cusip-level reconciliation vs. TRAQCS prior to deal settlement; maintain issuers' wire instructions; generate settlement confirm and master certificate letters. o New Issue P&L - used by middle-office to enter daily fixed-income (e.g., High Grades Corporates, Preferred Stocks, Agencies, High Yield) new issue deals and trades; calculates and publishes various reports such as P&L (e.g., Trading and MTM P&L, M/F & U/W fees), EOD Positions, month-end reconciliation; maintains deals' pertinent information such as issuers, underwriters, issue size, retention/pot trades, deal economics, daily MTM Price, etc. o Futures Interest Earning Program (IEP) - ETL multiple data files to calculate monthly global futures clients profitability (e.g., avg. cash balances, total equity, initial margin, collateral, benchmark rate, spread payout, interest earned); application uses Excel/VBA to publish multiple Pivot table reports. o NA Rates P&L - application used by North America Rates middle-office to generate consolidated daily P&L summary report for senior management, traders, middle-office, finance, etc; data elements include Region, Business Unit, Traders/Head Traders, Trading Desk, Book, etc. o High Grade Corporates P&L Explain - daily data ETL from multiple source systems to build cusip-level P&L report; MTM P&L "explained" by itemizing into its constituent components (e.g., interest-rates, credit spread, etc.) o Repo Netting (FIN 41) - ETL repo and reverse repo EOD positions that programmatically offset/net as per FASB Interpretation No. 41. o Repo Spread Analysis - ETL data from SQL Server to publish daily Excel pivot report that displays cusip-level spreads between street borrows and firm loans when covering shorts. o Muni Derivative DB - daily data ETL, from multiple source systems, and integrated to generate various Excel pivot reports; application utilized by finance to analyze and record various data sets, such as balance sheet analysis, P&L, revenue trends, etc.; fixed-income security products include Muni Bonds, Floats and Rites; data elements include cusip, trades, MTM, trade price, sub-books, cash payment settlements, EOD positions, etc. o ABS CDO Super-Senior Pricing System - Monthly data ETL from multiple source systems;developed complex program logic to compute cusip-level MTM Price for Super-Senior tranche collateral positions; data elements include product security type, notional, last trade price, external price sources (compass, bear, etc), credit rating (S&P, Fitch, Moody), vintage/issue date, etc; securities include RMBS Alt-A, RMBS Alt-B, RMBS Alt-A, RMBS Prime, Subprime, CMBS, etc; data-intensive portfolio generates Excel pivot as reporting analysis tool. Risk Attribution, Inc - New York, NY August 2005 to August 2007 Built FIPS (Fixed Income Portfolio System) application that calculates funds' portfolio performance; used SQL Server/T- SQL, Access, Excel, VBA/DAO JPMChase - New York, NY May 2001 to February 2004 Built "TIGER" (Tool for Integrated Global Expense) - monthly ETL from multiple sources tracks monthly expense, budgets/forecast, allocations, headcount, etc. for the Investment Bank unit. Alliance Capital - Secaucus, NJ August 1998 to January 2002 Developed 12+ applications for various business units using Access, Excel, VBA, DAO. Major projects include: Offshore Fund Purchases Reconciliation System - application matches incoming bank wires v. unsettled fund purchases; Pension Client Recordkeeping System - accounting system keeps track of institutional and retail clients' daily allocation, withdrawal and expenses; Offshore Performance Report - consolidated daily performance report of all Offshore Funds; Shareholder Register System - keeps track of all investors' investment activities for various Hedge funds; Fund Compliance System - created daily Compliance Status system for the MPF Fund, Whittingdale Fixed Interest Lehman Brothers - New York, NY May 1993 to July 1998 Responsible for the analysis, reconciliation and reporting of daily P&L for Syndicate (fixed income) desk Analyze underwriting fees/reserves, P&L movements, daily trading, and overall trading desk activity. Products include Corporates, High

Yield, ABS, Preferred Stocks, Agencies, etc. Heavy interaction with traders and investment bankers. Perform month-end securities price verification - coordinate inventory valuations with Risk Management Supervised department's month-end close processes; reconciliation of P&L to general ledger Education Master of Business Administration in Accounting Bernard M. Baruch College - New York, NY 1991 to 1995 Bachelors of Science in Finance and Management College of Staten Island - Staten Island, NY 1983 to 1988 Skills .NET (2 years), ADO (10+ years), ADO.NET (2 years), ASP (Less than 1 year), ASP.NET (Less than 1 year), C# (1 year), Excel (10+ years), HTML (10+ years), MS ADO (Less than 1 year), MS ASP (Less than 1 year), MS SQL SERVER (10+ years), MS Visual Studio (2 years), Outlook (10+ years), SQL (10+ years), SQL Server (10+ years), T-SQL (10+ years), VB.NET (Less than 1 year), Visual Basic (Less than 1 year), Visual Studio (Less than 1 year), Word (Less than 1 year) Additional Information Computer Skills C#/Winform, Visual Basic/VBA, SQL Server/T-SQL, VB.NET, DAO/ADO, ADO.NET, PL-SQL, HTML, ASP/ASP.NET MS Visual Studio, SQL Server/T-SQL, Access, Excel, Word, Outlook

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