Alex V. Wilson

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ANALYTICS ENGINEER

Analytics Engineer and former Vice President with a proven record of safeguarding high-value clients, strengthening brand integrity, and mitigating multi-million-dollar fraud exposure. Expert in designing SQL-centric automation frameworks that modernize legacy systems, enforce data governance, and power executive decision-making. Recognized for providing trusted counsel to senior leadership, delivering actionable recommendations that protect against operational, financial, and reputational risk. Known for discretion in handling sensitive, high-profile cases and for building scalable, resilient solutions that stand up under urgent, high-stakes conditions.

SKILLS

Languages & Databases: SQL, SAS, Teradata, MS SQL Server, IBM DB2, Oracle, ASP/PHP/HTML
Expertise: Analytics Engineering, Data Pipeline Automation, Risk Mitigation Strategy, Fraud Detection & Analysis, API Integration, AI-Assisted Development, Data Modeling, Process Improvement, Stakeholder Management, Executive Communication, Team Leadership
Tools & Platforms: Tableau, Power BI, ETL Workflows, SQL Server Reporting Services (SSRS), Microsoft Office Suite, Windows & Server Administration

KEY EXPERTISE AND ACHIEVEMENTS

- **Proactive Innovation:** Authored a self-initiated, enterprise-level automation framework to solve systemic inefficiencies and manage an overwhelming workload. This innovation freed thousands of hours annually, enabling a critical shift from routine tasks to high-value, strategic work like targeted fraud prevention.

Exceptional Responsiveness Under Pressure
- Became the designated analyst for urgent and sensitive data requests by delivering insights that were both rapid and highly accurate. This capability was driven by a robust automation framework for speed, combined with an expert-level understanding of underlying data to ensure precision when resolving critical fraud issues.

Consultative & User-Focused Partnership
- Forged a reputation as a trusted technical partner by translating complex business needs into practical, user-focused data solutions. Excelled at working iteratively with stakeholders across diverse units, refining data outputs based on direct feedback to ensure solutions were perfectly tailored to their operational needs.

AWARDS & RECOGNITION

Best In Business Award
- Received for outstanding performance and significant contributions to the division's success.

Legendary Service Recognition
- Repeatedly recognized with this award for providing exceptional support and strong partnership to stakeholders across the organization.

Completed Advanced Leadership Training Programs: Front Line Leadership (Levels 1-6) And Coaching For Legendary Service

PROFESSIONAL EXPERIENCE

Wells Fargo, Remote   **April 2002 - April 2025**

Vice President | Analytic Consultant, Risk Management, April 2002 - April 2025

Served as the subject matter expert for Home Equity, specializing in preventing high-dollar fraud (e.g., identity theft, account takeovers) and protecting both customer and company assets from significant loss.

Analytics Engineering & Data Infrastructure

- Architected an enterprise-level automation framework (SQL/SAS) for over 200 jobs, eliminating thousands of manual hours annually while ensuring data integrity for critical business analysis and risk management oversight.
- Integrated third party risk scores with internal data and built the logic for automated fraud watchlists, improving detection speed and accuracy for high risk activity.
- Established and enforced a data governance framework that mandated the System of Record as the exclusive data source for all automated processes, ensuring data integrity and mitigating risks from uncontrolled data sources.
- Engineered a modular SAS framework that let developers add new reports through simple SQL inserts, speeding delivery and reducing onboarding complexity.
- Engineered a self-service operational dashboard that eliminated stakeholder inquiries by providing real-time status of all automated jobs, enabling the analytics team to accelerate the development of new fraud detection capabilities.

Strategic Risk Management & Fraud Prevention

- Automated the 18 month loss forecasting model and turned it into a two input self service tool, giving leadership fast access to critical data while freeing analytics time.
- Powered a best-in-class fraud prevention strategy by developing the core analytical tools and watchlists used to identify and respond to emerging threats, contributing to consistently low loss rates.
- Implemented a detection framework that supported on demand updates to fraud controls, improving response time to threats like account takeover and elder abuse.
- Enhanced the automation framework to apply fraud controls at scale, increasing accuracy and reducing gaps as threats and products evolved.

Leadership & Cross-Functional Collaboration

- Led data initiatives across Fraud Servicing teams and delivered targeted solutions that reduced exposure to account takeover, elder abuse, and payment fraud.
- Led the primary technical partner for multiple units and delivered custom reports, automated watchlists, and rapid data support that improved daily operations.
- Directed leaders across Fraud Servicing by providing critical data insights that shaped operational strategies and guided responses to high profile incidents.
- Implemented an agile development workflow that accelerated deployment of fraud controls and reduced reliance on slow change request processes.

Work Director II, Customer Service (Issue Resolution), November 2002 - April 2004

PRIOR EXPERIENCE

Ryder Integrated Logistics   **February 1998 - July 2001**
Customer Service Manager

EDUCATION

Master of Science (MS) Information Technology
Walden University

Bachelor of Science (BS) Information Technology
Kaplan (Purdue) University