**Performance Summary:**

Technology leader with 10 years’ experience in solutions architecture, data analysis and software development aimed at streamlining operations and accomplishing strategic objectives within segment leading organizations.

**Experience:**

**Senior Developer,** *Newrez Mortgage Servicing*, October 2023-Present

* Architected and launched a scalable Snowflake enterprise data model; facilitated a 50% improvement in data retrieval time and promoted data accuracy across multiple business units.
* Translated stakeholder requirements into actionable development strategies, resulting in the deployment of a code-based solution that reduced processing time by 40% and decreased errors by 25%.
* Directed the integration of digital strategy across business units, employing SQL Server to craft a reliable codebase; fortified operational risk controls, leading to a 35% reduction in risk-related incidents,
* Standardized coding practices and optimized the framework for stored procedures, improving system performance by 50% and reducing monthly bug reports from 30 to 10.
* Led a cross-functional team, integrating TFS source code control; improved codebase stability by 35% and eliminated 50% of merge conflicts.
* Implemented robust business controls to ensure 100% regulatory compliance and adherence to investor policies, leading to a 20% reduction in compliance-related incidents and increasing investor confidence by 15%.

**Solutions Architect II**, *Cenlar Federal Savings Bank*, June 2020-October 2023

* Engineered end-to-end automated financial systems on Azure cloud, boosting processing speed by 40% and reducing operational costs by 15%.
* Ensured data integrity and reliability within Azure Cloud databases by implementing automated monitoring systems, reducing data discrepancies by 25% and cutting manual intervention time by 30 hours per month.
* Guided the agile development process, accelerating software deployment by 40%, reducing update time by 50%, and increasing team productivity by 30% through streamlined workflows and iterative sprints.
* Innovated and executed AI interfaces for next-gen partner tools, enhancing data accuracy by 40% and achieving a 50% decrease in processing time.
* Transformed IT strategy to address key business challenges, implementing cost-effective technical solutions that guided productivity up by 40% and cut maintenance costs by 18%.
* Influenced financial service strategies by demonstrating early-release tech solutions to investors, resulting in a 25% increase in investor confidence.
* Orchestrated integration of third-party investor technology platforms via Azure Cloud, achieving a 50% reduction in data synchronization errors and improving overall system reliability by 30%.
* Authored comprehensive documentation for technology and business workflows, maintaining strict adherence to architecture directives; minimized process ambiguities by 30% and improved team efficiency by 20%.

**Senior Financial Analyst/Cloud Engineer,** *Duncan Family Farms,* May 2019-June 2020

* Administered greenfield advanced data orchestration via Azure Data Factory; successfully consolidated multi-sourced data into Enterprise Data Warehouses, boosting reporting efficiency by 45% and cutting data processing costs by 20%.
* Designed and deployed an advanced data warehouse framework, significantly improving Power BI reporting functionality; shortened data retrieval time by 60% and enriched business insights for better strategic planning.
* Established the formulation and enforcement of data governance frameworks, ensuring a 35% decrease in data management costs and a 45% improvement in data accessibility for key stakeholders.
* Organized ERP modernization, optimizing Adaptive Insights' infrastructure and user experience; enhanced reporting capabilities by 35% and streamlined data workflows by 20%.

**Financial Analyst**, *Ditech Financial*, January 2018-May 2019

* Developed automation program reducing funding costs and erroneous Loss on $25M of company assets.
* Provided monthly and quarterly financial reporting with commentary for advanced funds activity.
* Collaborates with FP&A, Accounting, and Treasury on annual business plan and funding models.
* Develops and reports KPI’s to operational units driving decreased cost and increased top-line revenue.
* Prepares advance fair value calculations for SEC 10-Q/K
* Collaborates with IT to develop, maintain, and optimize data warehouse.
* Special Projects leadership controlling over $300M in assets for 2018 fiscal year.

**Quality Assurance Specialist**, Ditech Financial, May 2015-December 2017

* Directed special projects encompassing assets totaling $450 million.
* Collaboratively managed a 96-person offshore processing team.
* Developed and deployed visualizations for key performance indicators in Microsoft Power BI.
* Analysis and implementation of process improvements to Fannie Mae Claims activity.
* Designed and implemented a machine learning algorithm dedicated to predicting claims activity.
* Developed and Deployed Quality Assurance software resulting in 98% pull through rates on funds requested – a company record and +10% beneficial to industry.

**Education:**

Applied Mathematics | Bachelor of Science | Metropolitan State University | St Paul Minnesota

**Technology:**

Microsoft Azure | Microsoft Power BI | Tableau | SQL | T/SQL | PL/SQL | PostgreSQL | Snowflake | SSIS | SSRS | SSAS | SAP | Databricks | SSRS | Python | .NET | ChatGPT | CoPilot | Azure Data Factory | Azure Synapse Analytics | Azure SQL Database | Azure Analysis Services | Azure Data Lake | Azure Service Fabric | Azure Functions | Virtual Machines | Azure DevOps | Azure Monitor | Azure Pipelines | Microsoft Entra ID |Azure Resource Manager

**Skill Summary:**

Database Development | Data Analytics | Data Management | Agile Development | Technical Documentation | Financial Analysis | Computer Science | ETL | Digital Transformation | Financial Reporting | Solution Architecture