Catherine Digua
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Engineering & Data Leader

Results-driven engineering leader with 15+ years of experience designing scalable data solutions and building high-performing teams. Expert in data architecture, ETL automation, and enterprise data governance. Curious, compassionate, and metric-driven, I'm obsessed with leaving things better than I found them. I <3 data.

CORE COMPETENCIES
- Technical Leadership: Enterprise architecture, cross-functional collaboration, team development, servant leadership
- Data Platform Design: Cloud-native solutions, ETL/ELT implementation, performance optimization
- Data Architecture: Warehouse design, system integration, scalability planning
- Analytics Solutions: Business intelligence, metrics design, visualization frameworks

PROFESSIONAL EXPERIENCE
Senior Manager, Software Engineering | Sovrn (2022-2024)

Led platform transformation initiatives:
- Managed a team of 11 direct and five indirect reports across engineering disciplines
- Architected migration from PHP monolith to service-oriented architecture in Databricks, achieving:
  - 200% increase in data initiative velocity
  - 99.999% system uptime
  - Reduced development cycles from months to weeks
- Cut data processing issue resolution time in half

Designed centralized data systems:
- Architected Master Data Management (MDM) solution integrating siloed customer databases
- Implemented Looker analytics solutions with real-time/historical ad performance dashboards
- Reduced query execution time by 40% through optimization and performance monitoring
- Built automated ETL pipelines for Google Ad Manager and pre-bid data streams
- Established automated data validation processes and cross-platform data reconciliation

Drove engineering governance:
- Built Jira/Confluence metrics framework adopted company-wide
- Created database design standards and served as a principal approver for database PRs
- Developed an analogy-based learning approach for OLAP and OLTP design
- Established query optimization standards

Built and sustained high-performing teams:
- Successfully stabilized remote engineering team during a challenging post-RIF period
- Rebuilt trust and motivation through empathetic leadership and open communication
- Created a transparent project prioritization framework
- Maintained 50-75% hands-on development time while leading teams

Managed AWS infrastructure:
- Led platform engineering team utilizing EKS, EC2, S3, RDS, Aurora Postgres stack
- Optimized cloud costs while improving visibility
- Implemented cost allocation and reporting system

Director, Data & Information Systems | Noodles & Company (2014-2022)

Led enterprise IT operations:
- Managed a team of 9 direct and 21 indirect reports across multiple functions
- Built self-healing data mart processing 24/7 operations for 450+ restaurants
- Enhanced operational visibility from weekly to same-day reporting
- Technical lead for designing and implementing Power BI dataset with incremental refresh
- Supported food inventory (Altametrics) and labor scheduling (HotSchedules) systems integration

Implemented business intelligence solutions:
- Full MS BI Stack Developer responsible for enterprise data warehouse (OLTP), enterprise Tabular cube, and corporate reporting
- Delivered Power BI solutions, including real-time operational dashboards and self-serve analytics
- Created executive KPI reporting suite
- Developed automated multi-location labor calculations

Established data governance:
- Created organization-wide standards and best practices
- Implemented row-level security framework
- Led migration from Informatica to SQL Server stack
- Managed vendor relationships and system integrations

Prior Experience
- Senior Business Intelligence Consultant, Decentrix (2013-2014)
- Training Program Manager, Accelrys (2011-2013)
- Database Architect roles at various technology companies (2000-2011)

EDUCATION & CERTIFICATION
- MSBA Computer Information Systems, Colorado State University
- BA American Studies, University of Colorado
- PCIP (Payment Card Industry Professional), November 2018

TECHNICAL SKILLS

Data Management & Analytics:
- Databases: AWS PostgreSQL (Aurora/RDS), SQL Server, MySQL, Sybase, Oracle
- Analytics: Power BI, SSRS, Looker
- Data Integration: Databricks, SSIS, Informatica

Development & Cloud:
- Languages: T-SQL, PL/SQL, Python (re-learning)
- Cloud Platforms: AWS, Azure
- Tools: SSMS, SQL Developer, Data Studio, Atlassian (Jira, Confluence)
- Systems: Point-of-Sale (POS), Enterprise Resource Planning (ERP)