JON WREN

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SUMMARY

Data platform and engineering leader with 25+ years building data warehouses, analytics platforms, and the teams that run them, across banking and payments, ad tech, SaaS, and state government. Most recently CTO of an early childhood data company, where I architected an integrated data system deployed in six states and owned security, compliance, and cloud operations. Earlier led the enterprise data warehouse migration to Redshift at Amazon Payment Products, built the transaction-targeting platform at Cardlytics as employee #10, and spent a decade in Capital One Payments data, including suspicious activity reporting. Currently hands-on with applied AI: local model inference, fine-tuning, and retrieval architectures.

PROFESSIONAL EXPERIENCE

Third Sector Intelligence (3Si) Seattle, WA
Chief Technology Officer 2020 – Jan 2026
Director of Business Intelligence *Nov 2018 – 2020*

Technology leader for a government data analytics company through its transition from consulting firm to SaaS product company. Built and led a team of up to eight engineers, analysts, and data scientists.

- Architected and built CUSP (Child Universal Success Platform), an integrated data system unifying population, provider, child-level, and federal and state subsidy data into a single cross-agency view for state government.
- Grew the platform from a single state deployment to six: Washington, California, Wyoming, Georgia, Massachusetts, and Illinois.
- Designed the platform architecture on Databricks and built systematic integrations with external source systems, including Helix.
- Developed the self-hosting platform and set up its cloud infrastructure; ran cloud administration across AWS, Azure, and GCP for all client environments.
- Owned FERPA compliance end to end: architecture and data-flow documentation, encryption at rest and in transit, access control, network security, and audit logging. Worked directly with external audit teams.
- Wrote company policy on information security and AI use.
- Wrote the technical sections of every RFP response the company submitted.
- Shipped the Research Starter Kit and Analytics Library, self-service tools for analyzing service supply, demand, funding, and access gaps.
- Hired and onboarded the engineering team, including a senior DevSecOps engineer.

Independent: Applied AI and Data Systems Woodinville, WA
Self-directed work pause Feb 2026 – Present

- Built ScamTruth (scamtruth.com), an elder fraud consumer protection platform, end to end: content pipeline, scam taxonomy, and triage and routing logic for people seeking help.
- Stood up local LLM inference infrastructure and trained per-topic LoRA fine-tunes to serve topic-specific assistants.
- Designed a retrieval architecture with semantic caching for a public question-answering system, working daily in agentic development workflows.

Moz Seattle, WA
Director of Business Intelligence, Data Science, and Data Engineering Dec 2015 – Jul 2018

Led business intelligence, data science, and data engineering, with a team of up to twelve delivering analytical solutions company-wide.

- Designed and implemented a customer profiling product that segmented unknown customers into value-based segments.
- Implemented marketing attribution analysis, increasing marketing funnel conversion rate.
- Established and chaired the data governance committee overseeing all data reporting and operations.

Amazon Seattle, WA
Group Manager, BI and Data Engineering, Amazon Payment Products May 2013 – Nov 2015

Led data warehousing, machine learning, analytical reporting, and team development for Amazon Credit. Team of fourteen.

- Led migration of the enterprise data warehouse to Redshift, cutting query execution times by 90% and enabling a 10x increase in analytical queries per day.
- Owned machine learning model development and production workflows supporting advertising revenue.
- Led the analytical community across payment products in North and South America, the United Kingdom, Germany, and Japan.

Cardlytics Atlanta, GA
Director, Data Analytics (employee #10) May 2009 – Nov 2012

Owned data strategy, architecture, analytics, and platforms at an early-stage company; a key decision maker in business strategy and operations.

- Led design and implementation of the proprietary targeting strategy scoring payment transactions for 70M households.
- Led design, negotiation, and implementation of a distributed HP/Vertica data warehouse, increasing query performance 90x.
- Hired and developed teams across engineering, operations, marketing, analytics, and administration.

Capital One Financial Corporation Richmond, VA
MIS Manager, Payments Department Sept 2005 – Apr 2009
Senior Data Analyst | Data Analyst *Sept 1999 – Sept 2005*

- Led the Payments business intelligence team for analytics, data warehousing, and targeted marketing.
- Supported the launch of a NetSpend-issued prepaid card and of Decoupled Debit, an industry first offering credit-style rewards on debit products.
- Consolidated transaction data across two processing vendors, Metavante and NetSpend, into unified analytics for targeted marketing and cross-sell.
- Reviewed account activity for suspicious patterns and filed Suspicious Activity Reports (SARs).

Wells Fargo Financial Des Moines, IA
System Analyst, Branch Procedures May 1997 – Sept 1999

TECHNICAL

Platforms and clouds: Databricks, AWS, Azure, Google Cloud

Data: Redshift, Vertica, Postgres, SQL Server, Oracle, Teradata, MySQL, MongoDB, Hadoop

Languages: SQL, Python, R, SAS

BI and visualization: Tableau, Power BI, AWS QuickSight, Looker Studio, SQL Server Reporting Services

Applied AI: Local LLM inference, LoRA fine-tuning, retrieval-augmented generation, semantic caching, agentic development

Compliance: FERPA, BSA/AML suspicious activity reporting

EDUCATION

Iowa State University, Ames, IA | B.S., Management Information Systems

COMMUNITY

Pancreatic Cancer Action Network | Affiliate Chair (2015–2018), Federal Advocate (2009–present)

- Led the Puget Sound affiliate to West Coast Affiliate of the Year (2017).