MONDELLE SIMEON

TECHNOLOGY EXECUTIVE | CLOUD • DATA • SOFTWARE ENGINEERING

Leader with 15+ years driving cloud modernization, enterprise infrastructure, high-scale software engineering, and data-driven product innovation. Proven record building global teams, delivering multimillion-dollar revenue impact, and transforming operations through governance, automation, and strategic execution.

Core strengths: Cloud Infrastructure (Azure, AWS), Enterprise Architecture, FinOps, Large-Scale Engineering Leadership, Data Platforms, AI/ML-Driven Products, Operational Excellence, Security & Compliance (SOC2), Executive Stakeholder Management.

EXPERIENCE

Director, Cloud Infrastructure — Information Services Corporation (ISC) | Regina, SK | 2025–Present

Lead enterprise cloud strategy, governance, cost optimization, and global operations for a publicly traded registry & information services organization.

Highlights

- Executed first enterprise Azure audit covering 17+ production environments; standardized tagging, naming, policy enforcement, and governance.
- Introduced FinOps discipline; built Corestack cost dashboards surfacing spend by workload; negotiated 6% CSP savings; identified 20–25% optimization opportunities.
- Reduced average ServiceNow ticket resolution time 26 → 10 hours within four months through workflow redesign and prioritization.
- Standardized Site24x7 monitoring, implemented 24×5 operations coverage across Canada & Ireland.
- Built SLA tracker across 23 customer agreements; proposed managed service model for high-risk environments.
- Strengthened team operations: added Operations Lead + Senior Automation Analyst; implemented cross-region rotations and syncs.
- Built cloud-security governance with Enterprise Architecture & Security (RBAC, policies, baselines, audit readiness).

Director, Software Engineering — PDI Technologies | Remote (Canada) | 2021–2025

Led global engineering (32 staff across US, Canada, India, South America). Drove product strategy, cloud cost optimization, data monetization, and high-scale mobile engineering.

Leadership & Delivery

- Scaled engineering from 15 → 32 while maintaining 100% voluntary retention; developed new technical leaders and QA organization.
- Delivered **Pay with GasBuddy+** launch: 83,000 enrollments in 3 weeks; major revenue acceleration.
- Expanded mobile MAU from 4M → 7M; total annual users 20M+.
- Delivered rewards, payments, telematics, receipt scan, CPG offers, and high-value partner integrations.

Operational Excellence

- Implemented agile discipline, bi-weekly planning, and mid-sprint reviews, raising delivery speed \~25%.
- Introduced DORA metrics, workflow tracking, and automated pipelines sustaining daily production releases.
- Completed first SOC 2 audit activities for engineering; strengthened security processes.

Financial Impact

- Cut AWS infrastructure costs by **56%** through reserved node strategy.
- Reduced Google Maps Static API cost by **92%** (\$265/day → \$21/day), saving \~\$100K annually.
- Eliminated \$20K/month in billing leakage for partner services (termination API fix).
- Migrated BI platform, saving \$250K annually.

Data Monetization

- Built 30+ Snowflake pipelines enabling enterprise-grade data products.
- Helped close new monetization partnerships (S&P Global, Seek Insights, WFS).

Manager, Data Science & Analytics — GasBuddy | Regina, SK | 2018–2021

Built and led a high-performing data organization delivering analytics products, predictive models, and enterprise BI.

Key Achievements

- Created strategic analytics roadmap, driving 25% revenue growth through new data products.
- Built cloud-based data warehouse and BI platforms; increased analytics adoption 40%.
- Led segmentation, attribution, churn, and forecasting models (fuel demand forecast accuracy 97.4%).
- Mentored teams to achieve 100% retention; expanded team capacity by 50%.

Lead Data Scientist / Research Scientist — GasBuddy | 2014–2018

- Launched industry-first gas price prediction product (>90% accuracy).
- Built churn model reducing attrition 30%.
- Improved brand sentiment 35% through text analytics.
- Pioneered migration to AWS Redshift and cloud-native analytics.

University of Regina | 2006–2014

Senior Research Associate • Research Associate • Sessional Lecturer

- Developed commodity price prediction model (>90% accuracy) adopted by industry.
- Published 8 peer-reviewed papers; Best Paper award (2012).
- Designed and taught computer science curricula.

EDUCATION

PhD, Computer Science (Data Science) — University of Regina

BSc, Mathematics; BSc, Computer Science — University of New Brunswick

TECHNICAL LEADERSHIP SKILLS

Cloud: Azure, AWS, GCP • **Data:** Snowflake, Redshift, Databricks • **DevOps:** Terraform, Jenkins, Docker, Kubernetes • **AI/ML:** Python, Spark, Scikit-learn, NLP, Fraud Detection • **Security:** SOC2, NIST, DR/BCP • **Tools:** Jira, ServiceNow, Tableau, Power BI

AWARDS & RECOGNITION

- NSERC Industrial Research & Development Fellowship
- President's Distinguished Graduate Student Award Nominee
- Best Paper Award — INTENSIVE 2012
- Dean's Scholarship (Multiple Years)

SELECTED SPEAKING

Prairie Dev Con • SGAI Cambridge • MLDM NYC • Canadian AI Conferences • AusDM