Adam Skriver

nineriver.ca | LinkedIn

Calgary, AB, Canada

PROFESSIONAL SUMMARY

Systems Specialist with 17+ years experience bridging the gap between complex technical infrastructure and business goals. Expert in Data & Application Enablement, transforming legacy workflows into efficient, automated systems (Windchill PLM, AWS/Hybrid Cloud). Proven track record of leading cross-functional teams, translating technical requirements for non-technical stakeholders, and driving user adoption. Passionate about data governance and process automation, seeking to leverage deep expertise in systems integration to enable team success at a forward-thinking organization.

EDUCATION

DeVry University
Calgary, AB

Bachelor of Science in Electronics Engineering Technology · *Aug. 2000 – Oct. 2003*

- Applied technical degree focused on systems integration, control systems, and practical implementation
- Core studies: Critical Thinking, Systems Design, Circuit Design, Control Systems, Signal Processing, Digital Systems, Technical Communication, Systems Administration

PROFESSIONAL EXPERIENCE

Principal Consultant / Infrastructure Systems Architect
Nov. 2024 – Present

NineRiver Technologies · *Calgary, AB*

- Architected a secure, cloud-agnostic hybrid network connecting Vultr edge nodes and on-premise Proxmox clusters via a WireGuard mesh VPN, ensuring data sovereignty and low-latency access.
- Designed modular infrastructure strategies to avoid vendor lock-in, evaluating Azure and AWS ecosystems to advise on cost-optimized, flexible deployment patterns.
- Defining Infrastructure-as-Code (Terraform) roadmaps to transition manual configurations into reusable modules, establishing standards for state management and disaster recovery.
- Building data-driven monitoring solutions (Prometheus/Grafana) to provide visibility into system health, enabling proactive maintenance rather than reactive support.

Electronic Engineering Technologist
Oct. 2007 – Dec. 2024

Laversab Inc. · *Houston, TX / Remote*

- Leveraged enterprise PLM tools (Windchill) to manage complex aviation test equipment configurations, ensuring strict adherence to data governance and regulatory standards.
- Collaborated across electrical, firmware, and mechanical teams to integrate diverse technical requirements into the PLM environment, resolving design conflicts to maintain project schedules.
- Maintained data integrity for product specifications and change orders (ECOs), ensuring accurate documentation throughout the product lifecycle.
- Adapted complex engineering workflows to fit within established system constraints, troubleshooting integration issues to ensure successful product data management.

Co-Owner & Technical Systems Lead
Jan. 2010 – Apr. 2022

Coastal Cake Company · *Vancouver Island, BC*

- Built integrated business systems connecting Google Workspace, Lightspeed POS, QuickBooks, and Squarespace while maintaining full-time engineering role
- Developed ETL workflows and automated data pipelines for order processing, inventory management, and financial reporting
- Implemented data quality validation ensuring accuracy of customer orders, inventory levels, and financial transactions
- Provided technical guidance and training to non-technical staff, creating documentation for integrated systems and procedures

Portfolio Projects

GalleryMD | *Docker, Nginx, Security Architecture* | gallerymd.9river.online   2024 – Present
- Developed secure document discovery system with remote gateway implementation demonstrating enterprise security patterns
- Implemented production-grade deployment with reverse proxy configuration and automated content workflows

RecipeFlow | *Data Engineering, Python, Algorithmic Logic*   2024 – Present
- Engineered a data transformation pipeline to migrate static legacy datasets into dynamic, parameter-driven models, enabling algorithmic scaling of ingredients based on variables like altitude and production volume.
- Architected a self-hosted storage solution (PostgreSQL/S3) to centrally manage unstructured rich media and relational data, ensuring long-term data accessibility and sovereignty.

HeartsAndStars | *Full-Stack Web Application*   2025
- Architected full-stack task management system using Python/Django and PostgreSQL on Proxmox platform, demonstrating rapid proof-of-concept development within secure infrastructure

Technical Competencies

Enterprise Systems: Windchill PLM (7 years), Configuration Management, Data Governance, Lifecycle Management, Cross-functional Collaboration, Stakeholder Management
Cloud & Infrastructure: AWS (Cloud Practitioner 11/2025), Azure, Terraform (cert in progress), Kubernetes (learning), Nginx, Linux (30 years)
Data & Analytics: SQL, Excel (advanced automation), ETL workflows, Data quality management, Business Intelligence integration, Power BI (learning)
DevOps & Automation: Git/GitHub, GitOps, CI/CD Pipelines, Infrastructure-as-Code, Bash/PowerShell Scripting, Monitoring (Uptime Kuma, Prometheus/Grafana)
Development Tools: VS Code, Python (learning), JavaScript, YAML/JSON, Database Design (PostgreSQL, SQLite)
Business Systems: Google Workspace, POS Systems, ERP/QuickBooks, Workflow Automation, System Integration
AI & Emerging Tech: Ollama, Open WebUI, GitHub Copilot, LocalLLM, AI Workflow Automation

Certifications & Professional Development

Completed: AWS Certified Cloud Practitioner (November 2025)
In Progress: AWS Certified Developer – Associate, Microsoft Certified: Azure Developer Associate (Target Q4 2025)
Planned: HashiCorp Terraform Associate (Q1 2026)

Security Clearance Eligibility

Canadian citizen with stable 22-year employment history. Prepared to begin enhanced security clearance process immediately upon offer. Comprehensive documentation (10+ years residence, employment, references) ready for expedited processing.

Additional Information

Location: Calgary, AB – Available for hybrid or on-site work arrangements
Availability: Available Immediately — Open to Contract-to-Hire.