

# Adam Skriver

[nineriver.ca](http://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

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<b>GalleryMD</b>   <i>Docker, Nginx, Security Architecture</i>   <a href="http://gallerymd.9river.online">gallerymd.9river.online</a>	2024 – Present
<ul style="list-style-type: none"><li>Developed secure document discovery system with remote gateway implementation demonstrating enterprise security patterns</li><li>Implemented production-grade deployment with reverse proxy configuration and automated content workflows</li></ul>	
<b>RecipeFlow</b>   <i>Data Engineering, Python, Algorithmic Logic</i>	2024 – Present
<ul style="list-style-type: none"><li>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.</li><li>Architected a self-hosted storage solution (PostgreSQL/S3) to centrally manage unstructured rich media and relational data, ensuring long-term data accessibility and sovereignty.</li></ul>	
<b>HeartsAndStars</b>   <i>Full-Stack Web Application</i>	2025
<ul style="list-style-type: none"><li>Architected full-stack task management system using Python/Django and PostgreSQL on Proxmox platform, demonstrating rapid proof-of-concept development within secure infrastructure</li></ul>	

## TECHNICAL COMPETENCIES

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**Enterprise Systems:** Windchill PLM (17 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

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**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

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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

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**Location:** Calgary, AB – Available for hybrid or on-site work arrangements

**Availability:** Available Immediately — Open to Contract-to-Hire.