

Adam Skriver

nineriver.ca | [LinkedIn](#)
Calgary, AB, Canada

PROFESSIONAL SUMMARY

Technical professional with roots in Alberta oil & gas—started on drilling rigs as MWD field operator and wireline technologist before transitioning to electronics engineering. Joined Laversab (supplier of hazardous-area computer systems for MWD) and spent 17 years supporting oilfield and aviation test equipment, including 7 years managing product data in Windchill PLM. Currently building cloud and DevOps skills through hands-on projects and AWS certification. Seeking roles where O&G domain knowledge and systems thinking can contribute to infrastructure or data teams.

PROFESSIONAL EXPERIENCE

Independent Learning & Portfolio Development Nov. 2024 – Present
NineRiver Technologies (Personal Projects) Calgary, AB

- Building hybrid cloud lab connecting Vultr, AWS, and on-premise Proxmox via WireGuard VPN to develop hands-on infrastructure skills.
- Exploring AWS and Azure ecosystems to understand cloud deployment patterns and prepare for certifications.
- Learning Infrastructure-as-Code (Terraform) by building reusable modules for personal lab environment.
- Set up monitoring stack (Prometheus/Grafana) to understand observability practices.

Electronic Engineering Technologist Oct. 2007 – Dec. 2024
Laversab Inc. Houston, TX / Remote

- Joined Laversab through connection from MWD work—company supplied hazardous-area computer systems for oilfield and aviation test equipment.
- Managed product configurations in Windchill PLM (2017–2024) for both oilfield and aviation test equipment, ensuring data integrity and regulatory compliance.
- Collaborated across electrical, firmware, and mechanical teams to resolve documentation conflicts and maintain project schedules.
- Adapted complex engineering workflows to fit within established system constraints, troubleshooting integration issues to ensure successful product data management.

Co-Owner & Technical Systems Lead (Side Business) Jan. 2010 – Apr. 2022
Coastal Cake Company Vancouver Island, BC

- Connected small business systems (Google Workspace, Lightspeed POS, QuickBooks, Squarespace) while maintaining full-time engineering role.
- Created basic automations for order processing and inventory tracking across systems.
- Maintained data accuracy for customer orders, inventory, and financial records.
- Trained non-technical staff and documented system procedures.

MWD Coordinator / MWD Field Operator 2005 – Oct. 2007
Mostar Directional Technologies Alberta, Canada

- Operated as MWD (Measurement While Drilling) field hand for first 16 months on drilling rigs across Alberta.
- Promoted to MWD Coordinator (2006–2007), managing operations, technical staff, and field personnel.
- On-call 24/7 for 12 months as coordinator, responsible for operational decisions and personnel management.

Wireline Technologist / Lab Technician 2003 – 2005
Precision Wireline (Precision Drilling) Grande Prairie, AB

- Repaired and maintained wireline tools and truck-mounted systems in laboratory environment.
- Completed Precision Drilling Radiation Safety Training; worked with nuclear sources and wore dosimeter.
- Managed lab operations independently during final year after senior technicians departed.

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

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

CONSTRUCTION & BUILDING SYSTEMS PROJECTS

- 1250 Englishman River Road** | *Construction Management, Systems Integration, Structural Work* 2015 – 2022
- Owner-Builder on construction of 1000 sq.ft., 2-bed, 1-bath full kitchen carriage home from foundation to finish
 - Built 1400 sq.ft. detached workshop with integrated 700 sq.ft. custom commercial bakery, coordinating plumbing, electrical, and ventilation systems
 - Refurbished and re-engineered drinking water well and well head system, ensuring long-term water infrastructure reliability

TECHNICAL COMPETENCIES

Enterprise Systems: Windchill PLM (7 years), Configuration Management, Technical Documentation, Cross-functional Collaboration

Cloud & Infrastructure: AWS (Cloud Practitioner Nov 2025), Azure (learning), Terraform (learning), Docker, Linux (30 years), Nginx

Building Skills In: SQL, Python, PostgreSQL, Data pipeline design, CI/CD, Prometheus/Grafana

DevOps & Automation: Git/GitHub, Bash/PowerShell Scripting, Infrastructure-as-Code concepts

Oil & Gas Field Experience: MWD operations, Wireline tools, Hazardous-area systems, Radiation safety

Development Tools: VS Code, Altium Designer, YAML/JSON

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Completed: AWS Certified Cloud Practitioner (November 2025), AMII AI Pathways: Foundational Track Scholarship (February 2026)

In Progress: AWS Certified Developer – Associate, Microsoft Certified: Azure Developer Associate (Target Q2 2026)

Planned: HashiCorp Terraform Associate (Q1 2026)

Historical: Precision Drilling Radiation Safety Training (nuclear sources), Dosimeter certification

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

Background: Grew up in Southern Alberta, international experience, 26 years in workforce across multiple disciplines

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