

Arthaud Morin

Information Technology Engineering Student
Specializing in DevSecOps
Montreal, QC, Canada • Eligible to work in Canada
(PGWP)

Languages: French (Native), English (Advanced), Spanish (Advanced)

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Profile

DevSecOps engineer focused on building and securing cloud-native platforms end to end — embedding automated security (SCA, SAST/DAST, supply-chain scanning) into CI/CD across Kubernetes, Terraform, and GCP. Combines hands-on platform engineering with a Master-level information-security background and offensive-security practice (pentesting, CTF).

Education

Bachelor of Information Technology Engineering

École de technologie supérieure — Montreal, Canada

Expected Aug 2026

Sep 2022 – Present

– Software Security, Software Design, DevOps

- **Academic Exchange — Master in Information Security**

Universidad de los Andes — Bogota, Colombia

Jan 2025 – June 2025

– Cloud Security, Network Security, Security Architecture

University Diploma in Computer Technology

IUT Lyon 1 — France

Sep 2020 – June 2022

– Networks, Databases, Software and Web Development, Operating Systems

- **Academic Exchange — College Diploma in Computer Science**

Cégep de Matane — Canada

Jan 2022 – June 2022

– Securing Apache2 Web Servers, Cloud, Web Application Development

Skills

DevSecOps, IaC & Observability: Terraform, Kubernetes, Helm, Docker, Argo CD, Octopus Deploy, GitLab CI, Sumo Logic, Splunk, Bash.

Cloud & Network: Google Cloud Platform (IAM, Cloud Armor, GKE), Cloudflare, Azure & AWS concepts.

Security: Threat modeling (SABSA, NIST 800-30), OWASP Top 10/ASVS, OAuth2/JWT, SAST/DAST (SonarQube, OWASP ZAP, Burp Suite), CrowdStrike, Linux hardening.

Languages & Frameworks: JavaScript/Node.js, Java, PHP, SQL, React, Vue.js, Puppeteer.

Methods & Quality: Secure CI/CD, code reviews, automation, technical documentation.

Soft Skills: Teamwork, problem-solving, leadership, stress management, self-learning, initiative taking.

Professional Experience

DevSecOps Engineer (Intern)

NOMADIS, Canada

Until May 2026

- Rolled out Trivy SCA and container scanning into GitLab CI across 200 repositories, establishing automated supply-chain vulnerability gating org-wide and surfacing 1,000+ high/critical findings for remediation triage.
- Migrated the Selenium Hub test environment from GitLab runners to a Kubernetes cluster, offloading 2,700 CI minutes/month (45 h of daily test runs) from billed shared runners.
- Cut QA storage costs by routing test artifacts to Google Cloud Storage and automating precise video indexing with a PowerShell script.
- Migrated monitoring for 80 endpoints to Uptime Robot using Terraform (IaC), with automated Slack alerting.
- Monitored GCP infrastructure continuously and triaged daily security alerts.

Web Server Security Consultant (Freelance)

Venezance, France

2025

- Secured client web infrastructure (Apache2 + Cloudflare) through WAF implementation, TLS hardening, and malicious request filtering.

- Conducted targeted penetration tests on applications and servers to identify and remediate vulnerabilities.
- Reduced the attack surface by closing unnecessary ports, hardening firewalls, and structuring an IAM-style access management system (roles, privileges, admin accounts).

API Integration Developer (Intern)

GoTo, Canada

May 2024 – Aug 2024

- Automated integrations across internal and external REST APIs secured with OAuth2 and JWT.
- Used Swagger for API documentation and Splunk to analyze high-volume request flows.
- Contributed to code reviews and fixed a critical integration bug, adhering to company security and quality standards.

Web Developer / DevOps (Intern)

A-qui-s, France

Sep 2023 – Dec 2023

- Migrated internal applications to Docker containers, ensuring portability and environment consistency.
- Built CI/CD pipelines and managed secrets in GitLab to enable reliable, secure deployments.
- Enhanced an internal QA tool (SQL, PHP, Vue.js) with new dashboards used weekly by the production team.

Projects

SABSA Security Architecture for Fintech

2025

1. *Enterprise security architecture — SABSA, NIST SP 800-30, COBIT, Risk Management*

- Applied SABSA methodology to design a complete security architecture for a fintech serving 2M users.
- Conducted IT risk analysis based on NIST SP 800-30r1 and identified priority threats.
- Defined security policies, organizational models, and BPMN processes aligned with business objectives.
- Developed logical and physical layers: COBIT controls, access management, privilege schemas, security mechanisms, and network infrastructure.

SecureCloudApp

2025

2. *Cloud-native web app — GCP, Docker, IAM, Cloud Armor, Web Security Scanner*

- Designed, deployed, and configured a web application on Google Cloud Platform with a secure, scalable architecture.
- Implemented IAM, firewall rules, and access-control policies based on least privilege.
- Deployed Docker-containerized backend microservices integrated with Cloud SQL and Cloud Storage.
- Applied layered protections: Cloud Armor, encryption in transit and at rest, and Web Security Scanner.

Capture The Flag (CTF) Competitions

2025

3. *AtHack, UnitedCTF, HackFest CTF — Web Security, Steganography, Binary Exploitation*

- Competed in Capture The Flag events (AtHack, UnitedCTF, HackFest CTF — Quebec); finished 32nd of 120 teams (top 27%) at AtHack, focused mainly on web security.
- Solved web challenges (injection, XSS, auth bypass, misconfiguration) plus steganography and binary exploitation tasks.
- Used Kali Linux, Burp Suite, CyberChef, and custom scripts.

Volunteering

Scout Leader

France and Canada

2017 – 2024

- Led and supervised groups of 25 young people aged 7 to 17.
- Organized a trip to Denmark: logistics, fundraising, transport, and budget management.
- Found solutions to unforeseen events and adapted quickly to change.
- Made decisions under pressure in high-stress contexts.