



# Elias Ibrahim

CISSP, CCSP | Security Architect  
Cybersecurity Consultant | Security Engineer



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## About

I am a passionate security practitioner with a hacker mindset committed to fighting cybercrime. Deeply technical with a networking and services background, I've led the quality delivery of critical and urgent security projects to mitigate risks for private and government organizations globally.

## Experience



### Employment and Social Development Canada (ESDC), Ottawa (February 2024 – Present) Security Design Specialist

- Practitioner on a Dynamics 365/PowerApps SA&A I worked with the customer, development, IT, security and product teams in helping them meet their security control objectives.
- Developed a Security Concept of Operations and worked with multiple IT and Security teams in the enterprise to implement Security Controls.
- Designed processes, procedures and solutions to meet Security Control requirements and documented the evidence as part of the SCTM submission package.
- Security champion and coach providing guidance to the development and IT teams.



### Heath Canada, Ottawa (February 2015 – Present) Vulnerability Assessment Specialist

- Perform application vulnerability assessments following HTRA and OWASP guidelines using code reviews, assessment tools, and manual methods.
- Assess system and application configurations for misconfigurations, as well as secrets handling.
- Perform an RBAC and Access Control analysis, document and report findings, recommend mitigations for found issues and coach developers on secure development practices.
- Coach development teams and helping them understand findings and how to mitigate.
- Improve the Vulnerability Assessment program in place and add new services (SAST).

### Canada Corporation, Ottawa (March 2015 – Present) CEO and CISO

- Manage all Administrative, Security and Financial duties of the corporation.
- Provide security consulting and vCISO services to private and public sector customers.



### Vatrimon, Ottawa (January 2023 – Present) Founder, Chief Security Architect / CTO (Security SaaS, Security Engineering)

- Chief Application Security Architect and creator of Vatrimon, a QR Code and URL scanning service.
- Perform cost-based analysis and optimize application code to reduce API costs.



### Shared Services Canada, Ottawa (June 2023 – August 2023) Security Design Specialist

- Lead Security Architect on a SA&A project for a national security system.
- Reviewed detailed design documents, documented gaps and tracked the security controls using a traceability matrix; presented developers with findings using constructive feedback.
- Managed, directed, inspired and coached the work and capability of the team often engaging with a wider audience of senior managers, technical, subject matter experts and business managers.



### Securonix, Ottawa (February 2022 - October 2022) Customer Success Manager (SaaS, SIEM, SOAR, UEBA, IR, Threat Intel and Hunting)

- Trusted advisor to the SOC lead and Manager in a customer facing role to strategic and high-risk accounts, providing subject matter expertise on the SIEM, Threat Intel and SOAR products.
- Helped onboard new log sources to strategically increase MITRE ATT&CK coverage, configured mappings and developed custom parsing for use cases with correlation, and identity attribution.



### Micro Focus, Ottawa

(May 2018 – February 2022)

#### ArcSight Senior Integration Test Engineer

- Moved to the engineering side to improve processes as well as the code base, provided Level 3 SIEM escalation support on customer P1s, and architecture expertise for strategic projects.

#### ArcSight Technical Customer Success Manager

- Worked closely with strategic accounts to roadmap their SIEM detection and response goals to extract maximum value and make the ArcSight product suite successful in their environments.

#### ArcSight Security Presales

- Project managed customer SIEM POC projects in a customer facing role for strategic accounts and coordinated architecture discovery-level sessions to meet their security goals.



### Environment Canada, Gatineau

(January 2017 – October 2017)

#### .NET Web Application Vulnerability Assessment

- Performed a Threat and Vulnerability Assessment on a .NET webapp and 3rd party libraries for vulnerabilities following OWASP and documented the ITSG frameworks security control profile.
- Collaborated with cross-functional teams to align Secure SDLC architecture with business goals, and led initiatives to integrate security tools and technologies.

#### Network Security Analyst (Information Security Program Implementation)

- Led review and evaluation of InfoSec project documentation, facilitating working sessions with stakeholders and developing security processes and standard operating procedures.
- Collaborated with cross-functional teams to align the InfoSec architecture with business goals, and led initiatives to integrate security tools and technologies.



### Bell Canada, Ottawa

(March 2014 – March 2015)

#### Security Operations Engineer (Canada.da ETI project)

- As the lead DRA SME in Security Operations, I was responsible for building and managing the NetIQ IAM automation and the Windows AD domains across all internal security zones.

## Skills

Cybersecurity | Leadership | Networking | Team Management | Security Operations | SIEM | Conflict Resolution | Project Management | Incident Management | Change Management | Problem Solving | Process Improvement | Governance | Risk | Compliance | Training | SaaS | PaaS | IaaS | IaC | Technical Writing | Vulnerability Management | Information Architecture | Asset Security | Cloud Security | Network Security | System Administration | IAM | Security Policy | Linux | Windows | Azure | AWS | GCP | Digital Ocean | Python | Penetration Testing

## Certifications

Verification Link → <https://www.credly.com/users/elias-ibrahim>



2023 → CCSP | Google Cybersecurity Certificate | PentesterLabs | API Penetration Testing  
 2022 → Snowflake Data Warehousing, Sharing, Applications, Lake, and Engineering.  
 2020 → AWS Practitioner | Microsoft Azure Fundamentals  
 2016 → CISSP  
 Formerly → MCSE(NT4.0) | ITIL

## Education and Training

2023 → ICS Penetration Testing | Security Risks in AI and Machine Learning: Categorizing Attacks and Failure Modes | Automate Cybersecurity tasks / Python | GitHub actions for CI/CD  
 2022 → Learning Secure Payments and PCI | Six Sigma White Belt  
 1998 → Networking Technology (MCSE program) @ Praxis Training Institute, Ottawa  
 1994-1997 → Management Information Systems @ La Cite Collegiale, Ottawa