

# Charles McLean

## CPTS | Cyber Security Analyst | Aspiring Cloud Architect

CPTS certified Cyber Security Analyst and Founder of Immortal Hosting. I bridge the gap between offensive security and defensive engineering by architecting production-grade, secure-by-design infrastructure.

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💻 [m3ow-dev](https://github.com/m3ow-dev) (GitHub)

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## Work

### Founder & Lead Infrastructure Architect

[Immortal Hosting](#)

Sep 2025 – Present

Designed and deployed a production-grade hosting ecosystem entirely on open-source software. Architected a 3-node hybrid cluster (Enterprise Xeon + High-Perf AMD) utilizing KVM, Kubernetes, and Rootless Podman. Secured the environment with a Zero Trust network stack (Cloudflare, Caddy, Authentik SSO) and active Intrusion Detection Systems (IDS). Implemented a private Gitea CI/CD pipeline, high-availability MariaDB, and automated off-site S3 backups for disaster recovery.

### Cyber Security Analyst

[N'ware Technologies](#)

May 2025 – Present

Conduct security assessments and penetration testing engagements. Analyze security vulnerabilities and provide remediation recommendations. Collaborate with teams to enhance client security postures and implement defensive strategies.

### IT Technician

[Cégep de Saint-Hyacinthe](#)

Dec 2024 – May 2025

Provided comprehensive technical support to students, teachers, and staff across the institution.

# Education

## Université de Sherbrooke

Bachelor of Science in Cyber Security Specialization

Aug 2025 – Present

## Cégep de Saint-Hyacinthe

Diploma of College Studies (DEC) in Réseaux et cybersécurité

Aug 2023 – Jun 2025

# Projects

## High-Performance Hybrid Cloud (Immortal Hosting)

## Nova PC

# Awards

6th / 19 in Montreal, 22nd / 86 in Canada - Cybersci | 2025

Challenge Designer - HackFest CTF | 2025

3rd Place - CTF intercollégial | 2025

#72/92 - NorthSec CTF | 2025

# Certificates

## Certified Penetration Testing Specialist (CPTS)

Issued by Hack The Box

May 2024

# Skills

## Infrastructure & Cloud

Kubernetes Docker

Rootless Podman KVM

Linux Administration

## Security & Identity

CPTS Authentik (IAM)

Zero Trust Networking

DDoS Mitigation

Intrusion Detection (IDS)

## DevOps & Automation

CI/CD Git S3 Backups

Disaster Recovery

## Web & Database

Next.js React Caddy

Cloudflare