

# ADRIAN CAPILNEAN

## Cyber Security Engineer

---

**Phone:** (+40) 765 409 392    **Email:** capilnean.adrian@gmail.com    **LinkedIn:** [linkedin.com/in/adrian-capilnean](https://www.linkedin.com/in/adrian-capilnean)

---

Seasoned professional with a broad technical background spanning penetration testing, secure cross-domain solutions, systems administration, and web development. Experienced in delivering measurable improvements in security posture, infrastructure reliability, and application quality in large enterprise environments.

Currently seeking a challenging role where I can grow my expertise in cybersecurity while making use of my technical background. Particularly interested in opportunities in offensive security, infrastructure defence, or security engineering, where technical depth and collaboration across teams are valued.

## CERTIFICATIONS

---

Offensive Security Certified Professional (OSCP) , OffSec

*Achieved 2024*

## WORK EXPERIENCE

---

**Cyber Security Engineer @ NATO NCIA**

*July 2025 - Present*

NATO's IT and cybersecurity agency delivering digital infrastructure and services.

- Administered and maintained Cross-Domain Solutions (Guards and Data Diodes) on Linux-based systems, performing system administration tasks including user and access management, log forwarding, shell scripting, backup/restore operations, and patch management.
- Configured and managed cross-domain data exchange flows, including release markings, attachment policies, and customer-specific requirements across secure environments.
- Assisted in Palo Alto Networks firewall management and provided technical troubleshooting to resolve infrastructure and secure data exchange issues in classified environments.
- Developed and maintained security documentation and SOPs, while providing training and knowledge transfer to other teams.

Cyber security consultancy delivering offensive security and risk assessments

- Delivered security assessments to 300+ clients across multiple regions through strategic partnerships with leading consultancy firms, including British Standards Institution, Forward Defense, and Red Team Partners.
- Conducted penetration testing across web, mobile, and network infrastructure, identifying and exploiting vulnerabilities to assess security posture and deliver actionable remediation recommendations.
- Executed CIS benchmark-aligned configuration and hardening reviews for cloud environments (AWS, Azure), databases, systems, and firewalls, providing actionable remediation recommendations.
- Participated in red team engagements for financial and enterprise clients, including multinational APT simulation exercises involving network intrusion, social engineering, and distributed attack scenarios.
- Delivered comprehensive reports with risk ratings, technical findings, and remediation guidance tailored for both executive and technical audiences.

Cyber security consultancy delivering offensive security and risk assessments.

- Administered and maintained company IT infrastructure, including servers, routers, switches, firewalls, and cloud services, ensuring security, availability, and performance.
- Provisioned and managed virtual machines and containers across on-premise and cloud environments (AWS, Azure), handling system configuration, user access management, and ongoing maintenance.
- Diagnosed and resolved hardware, software, and network issues, providing end-user support and technical training to improve operational efficiency.
- Managed IT procurement, patch management, and strategic planning to ensure systems remained secure, compliant, and aligned with business requirements.

Software development company delivering custom digital and mobile solutions.

- Designed and developed responsive web applications using Vue.js, implementing state management, routing, and API integrations to meet business requirements.
- Built cross-platform mobile applications for iOS and Android using React Native, delivering native-like performance and consistent user experience.
- Integrated third-party APIs and mobile-specific features to extend application capabilities across web and mobile platforms.
- Collaborated with designers and backend developers to optimise UI/UX, ensuring cross-browser compatibility and performance.

## EDUCATION

---

**Bachelor's Degree in Electrical, Electronics and Communications Engineering**

*Graduated 2021*

Technical University of Cluj-Napoca

## LANGUAGES

---

- Romanian: Native proficiency
- English: Professional working proficiency