

Antonella Koppenhoefer

Cloud Security Engineer

✉ antonella.koppenhoefer@gmail.com

☎ (383) 040-0202

📍 Fort Collins, CO

EDUCATION

Bachelor of Science in Cloud Security Engineering at Colorado State University, Fort Collins, CO

Sep 2015 - May 2020

Relevant Coursework: Network Security, Operating Systems Security, Cloud Security Fundamentals, Security Automation and Orchestration.

LINKS

[linkedin.com/in/antonellakoppenhoefer](https://www.linkedin.com/in/antonellakoppenhoefer)

SKILLS

Cloud Security

Network Security

Identity and Access Management (IAM)

Encryption Technologies

Risk Analysis and Mitigation

Compliance Requirements

Auditing/Monitoring

LANGUAGES

English

Arabic

HOBBIES

Programming

Network Security

Robotics

PROFILE

As a Cloud Security Engineer with over 3 years of experience, I have developed a strong background in designing, deploying, and maintaining secure cloud-based solutions. My technical expertise include designing, developing and implementing secure cloud architectures, developing cloud security policies and procedures, and performing security audits and assessments. My problem-solving and analytical skills have enabled me to identify, analyze, and mitigate security vulnerabilities in cloud environments. Additionally, I possess strong communication and interpersonal skills which have proven to be invaluable in collaborating with cross-functional teams and external stakeholders.

EMPLOYMENT HISTORY

● Lead Cloud Security Engineer at SecureSet Academy, CO

Oct 2022 - Present

- Developed and implemented a cloud-based security system that reduced data breaches by 35% within the first 6 months of its launch. This included creating secure access policies, configuring network firewalls, encrypting sensitive information, and conducting regular vulnerability scans.
- Trained over 50 SecureSet Academy staff members on best practices for protecting company assets stored in the cloud environment and provided ongoing support to ensure compliance with industry standards such as NIST 800-53.
- Designed an automated web application firewall solution that decreased malicious traffic from outside sources by 20%, while simultaneously increasing website performance by 10%. The implementation resulted in improved customer experience without compromising safety or privacy regulations.

● Senior Cloud Security Engineer at Galvanize Data Science & Engineering, CO

Jul 2020 - Sep 2022

- Developed a comprehensive cloud security strategy for Galvanize Data Science & Engineering, CO that reduced the potential of external data breaches by 50%. This included implementing multi-factor authentication and regular penetration tests to identify weaknesses in our systems.
- Led an overhaul of all existing cloud infrastructure which enabled us to reduce costs related to storage and compute resources by 25% while maintaining compliance with industry standards such as HIPAA.
- Created automated alerting system on AWS CloudWatch platform that monitored suspicious activity across multiple accounts within organization reducing response time from 24 hours down 2 minutes when responding critical security incidents.

CERTIFICATES

Certified Cloud Security Professional (CCSP)

Jun 2021

Certified Information Systems Security Professional (CISSP)

Apr 2020

MEMBERSHIPS