

# Ryan O'Reilly

## Platform Security Engineer

**Email:** ryan.oreilly@email.com

**Location:** Dublin, Ireland

**Experience:** 8 years

## Professional Summary

Platform security engineer with 8 years experience securing cloud infrastructure and microservices. Expert in Python automation, Kubernetes security, and DevSecOps practices.

## Professional Experience

### **Principal Security Engineer** | Cloud Platform | 2021 - Present

- Built security automation platform using Python securing 1000+ microservices across Kubernetes clusters
- Led security engineering team of 12 implementing zero-trust architecture for enterprise platform
- Developed vulnerability scanning system reducing security incidents by 90%

### **Senior Security Engineer** | Financial Technology | 2019 - 2021

- Architected secure API gateway protecting \$10B+ in annual transaction volume
- Built compliance automation using Python and infrastructure-as-code for PCI DSS certification
- Shipped security monitoring platform providing real-time threat detection

### **Security Engineer** | SaaS Platform | 2017 - 2019

- Implemented container security scanning for Docker and Kubernetes deployments
- Developed security incident response automation using Python and security APIs

### **DevOps Security Engineer** | Startup | 2016 - 2017

- Built secure CI/CD pipelines integrating security testing into development workflow
- Learned cloud security fundamentals and DevSecOps practices

## Technical Skills

- **Security:** 8 years Cybersecurity, 5 years Cloud Security, 4 years DevSecOps, 3 years Compliance
- **Programming:** 6 years Python, 4 years Go, 5 years Linux
- **Platform:** 5 years Kubernetes, 6 years Docker, 6 years AWS
- **Leadership:** 4 years Team Management

## Certifications

- Certified Kubernetes Security Specialist (CKS)
- AWS Certified Security - Specialty
- Certified Information Systems Security Professional (CISSP)

## Education

**M.S. Cybersecurity** | Trinity College Dublin | 2016

**B.S. Computer Science** | University College Dublin | 2014