









RIFAT ERDEM SAHIN



CLOUD SECURITY ENGINEER | CLOUD SECURITY POSTURE & COMPLIANCE SPECIALIST

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 -  **Portfolio:** <https://rifaterdemsahin.com>
 -  **Schedule a Call:** <https://calendly.com/rifaterdem/schedule>
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PROFESSIONAL SUMMARY

Senior Cloud Security Engineer specializing in **securing multi-cloud environments (AWS/Azure/GCP) and automating compliance**. Deep expertise in IAM, CSPM (Cloud Security Posture Management), and Infrastructure as Code security scanning. Proven track record in implementing zero-trust architectures and hardening cloud infrastructure against advanced threats.

CORE COMPETENCIES

-  **Cloud Security** - Cloud Security Services (AWS GuardDuty, Azure Sentinel, GCP SCC) - IAM & Least Privilege Architecture - Container & Kubernetes Security - Encryption & Key Management (KMS, HSM)
 -  **DevSecOps** - IaC Scanning (Checkov, Tfsec, Terrascan) - Pipeline Security Integration - Automated Remediation (Lambda, Cloud Functions) - Compliance Frameworks (CIS Benchmarks, PCI-DSS, SOC2)
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KEY ACCOMPLISHMENTS

2024 | Digital Bank | London

Cloud Security Posture Hardening - Challenge: Remediate 500+ security misconfigurations across a sprawling AWS footprint. - **Solution:** Implemented a CSPM tool and automated remediation bots for common issues (open S3 buckets, SG rules). - **Impact:** - Improved security score from 65% to 98%. - Achieved continuous compliance with PCI-DSS. - Reduced time-to-fix critical issues to <1 hour.

2023 | Enterprise Retail | Remote

Kubernetes Security Overhaul - Challenge: Secure a large-scale EKS environment handling PII data. - **Solution:** Implemented OPA Gatekeeper for policy enforcement and Falco for runtime security. - **Impact:** - Blocked 100% of non-compliant deployments. - Real-time detection of container escape attempts. - Seamless integration with existing SIEM.

PROFESSIONAL EXPERIENCE HIGHLIGHTS

Senior Cloud Security Engineer / AI Solutions Architect | January 2025 - Present *IBM | London, UK*

- Architecting hybrid cloud transformation using IBM Cloud and Red Hat OpenShift for Fortune 500 enterprises
- Implementing watsonx AI solutions for intelligent automation, reducing operational overhead by 35%
- Leading DevSecOps transformation with Ansible Automation Platform and Terraform IaC across multi-cloud environments
- Delivering zero-downtime Kubernetes cluster migrations for mission-critical financial and government workloads
- Building enterprise CI/CD pipelines with GitHub Actions and Jenkins serving 500+ developers globally

Senior Cloud Security Engineer / Technical Lead | 2020 - 2025 *Goldman Sachs, Ypsomed, Cushman & Wakefield*

- Led cloud security engineer initiatives across finance, healthcare, and real estate sectors

- Designed and implemented solutions supporting millions of daily transactions
- Established best practices and automated frameworks
- Mentored engineering teams on modern technologies and practices
- Delivered solutions achieving 300% improvement in operational efficiency

Cloud Security Engineer | 2016 - 2020 *Microsoft, Emerson, Various Fortune 500*




- Built enterprise solutions for digital transformation initiatives
- Led cross-functional teams designing scalable applications
- Established frameworks and implementation strategies
- Evangelized modern technologies through technical leadership

EDUCATION

 **Bachelor of Science**

Southern New Hampshire University, USA  | 2013



CERTIFICATIONS & CONTINUOUS LEARNING

-  **Microsoft Certified Solutions Architect Expert**
-  **AWS Certified Solutions Architect Professional**
-  **Azure Solutions Architect Expert**
-  **Certified Kubernetes Administrator (CKA)**

Continuous Learning:

- Active contributor to open-source projects - Regular participant in technical communities - Following latest developments in technology - Experimenting with emerging tools and practices

SECURITY CLEARANCES

-  **UK SC (Security Check)** - Valid until 2028
-  **NATO Clearance** - Valid until 2029
- ✓ **Background Checks:** Watchdog (2024), Sterling (2019)

AVAILABILITY & CONTACT

Immediate Availability for cloud security engineer roles



Schedule a Discussion: <https://calendly.com/rifaterdem/schedule>



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SUPPORTING DOCUMENTS



Technical Portfolio & Presentations:

[https://rifaterdemsahin.com/wp-](https://rifaterdemsahin.com/wp-content/uploads/2025/02/rifaterdemsahinprofilepresentation.v2025.2.pdf)

[content/uploads/2025/02/rifaterdemsahinprofilepresentation.v2025.2.pdf](https://rifaterdemsahin.com/wp-content/uploads/2025/02/rifaterdemsahinprofilepresentation.v2025.2.pdf)

References and detailed project portfolios available upon request