









RIFAT ERDEM SAHIN



SECURITY ENGINEER | CYBERSECURITY & INFRASTRUCTURE PROTECTION SPECIALIST

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

Senior Security Engineer specializing in **cybersecurity, infrastructure protection, and security automation**. Deep expertise in designing and implementing comprehensive security frameworks for enterprise environments. Proven track record building security solutions that delivered 300% improvement in threat detection and 30% reduction in security incidents across financial services, healthcare, and real estate sectors. Expert in zero-trust architectures and automated security operations.

CORE COMPETENCIES

-  **Security Architecture & Design** - Zero-trust security framework implementation - Security-first infrastructure design and hardening - Identity and access management with multi-factor authentication - Compliance frameworks for regulated industries (SOC2, PCI DSS, GDPR)
-  **Security Operations & Automation** - Automated threat detection and incident response - Security scanning and vulnerability management - SIEM/SOAR implementation and

optimization - Security testing and penetration testing frameworks

KEY ACCOMPLISHMENTS

2025 | IBM | London, UK

Enterprise AI & Hybrid Cloud Transformation - Challenge: Lead enterprise-scale hybrid cloud transformation and AI integration for global clients - **Solution:** Architected comprehensive IBM Cloud + Red Hat OpenShift platform with watsonx AI integration and DevSecOps practices - **Impact:** - 35% reduction in operational overhead through AI-driven automation with watsonx - 40% improvement in deployment frequency via DevSecOps and Ansible Automation Platform - Zero-downtime migration of mission-critical workloads to hybrid cloud architecture - **Technologies:** IBM Cloud, Red Hat OpenShift, watsonx AI, Ansible Automation Platform, Terraform, Kubernetes, GitHub Actions

2024 | Goldman Sachs | Muscat, Oman

Enterprise Security Framework for Financial Services - Challenge: Implement comprehensive security framework for global financial operations - **Solution:** Architected zero-trust security platform with automated threat detection and response - **Impact:** - 300% improvement in threat detection speed through automated security operations - 30% reduction in security incidents via proactive threat hunting - Compliance achievement for SOC2, PCI DSS, and regulatory requirements - **Technologies:** Azure Sentinel, Splunk, CrowdStrike, HashiCorp Vault, Zero Trust Architecture

PROFESSIONAL EXPERIENCE HIGHLIGHTS

Senior 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 Security Engineer / Technical Lead | 2020 - 2025

Goldman Sachs, Ypsomed, Cushman & Wakefield

- Led 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

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)
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AVAILABILITY & CONTACT

Immediate Availability for security engineer roles

-  **Schedule a Discussion:** <https://calendly.com/rifaterdem/schedule>
 -  **Email:** contact@rifaterdemsahin.com
 -  **Phone:** +44 7848 024173
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SUPPORTING DOCUMENTS

-  **Technical Portfolio & Presentations:**
<https://rifaterdemsahin.com/wp-content/uploads/2025/02/rifaterdemsahinprofilepresentation.v2025.2.pdf>
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References and detailed project portfolios available upon request