









RIFAT ERDEM SAHIN

SENIOR SOLUTIONS ARCHITECT | ENTERPRISE STRATEGY & DIGITAL TRANSFORMATION

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

Senior Solutions Architect specializing in **designing scalable, resilient enterprise systems and leading digital transformation**. Deep expertise in bridging the gap between business strategy and technical implementation. Proven track record in architecting cloud-native solutions, modernizing legacy monoliths, and establishing technical governance standards. Expert in TOGAF frameworks, microservices patterns, and multi-cloud strategies.

CORE COMPETENCIES

-  **Enterprise & Solution Architecture** - Cloud-native & Microservices Architecture Design - Legacy Modernization & Migration Strategies - Enterprise Integration Patterns (API-led connectivity) - Technical Governance & Design Authority leadership
 -  **Strategy & Leadership** - Stakeholder Management (C-level to Engineering) - Technology Roadmap & Strategy Definition - Vendor Selection & RFP Management - Cost Optimization (FinOps) & Capacity Planning
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KEY ACCOMPLISHMENTS

2024 | Tier-1 Investment Bank | London

Core Banking Modernization - Challenge: Decompose a 20-year-old mainframe monolith into a modern, event-driven banking platform. - **Solution:** Designed the target state architecture using domain-driven design (DDD) and event sourcing pattern. Led the architectural governance board. - **Impact:** - Enabled real-time transaction processing, reducing settlement time by 90%. - Reduced infrastructure TCO by 40% through cloud migration. - Improved improved developer agility, reducing release cycles from 3 months to 2 weeks.

2023 | International Logistics | Europe

Global Logistics Platform - Challenge: Unify disparate logistics systems across 15 countries into a single global platform. - **Solution:** Architected a multi-region, active-active cloud solution ensuring high availability and compliance with local data residency laws. - **Impact:** - Achieved 99.99% system availability globally. - Standardized API contracts allowed for 50% faster onboarding of new partners. - Facilitated a 20% increase in operational efficiency.

PROFESSIONAL EXPERIENCE HIGHLIGHTS

Senior Senior Solutions Architect / 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 Senior Solutions Architect / Technical Lead | 2020 - 2025 *Goldman Sachs, Ypsomed, Cushman & Wakefield*

- Led senior solutions architect 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

Senior Solutions Architect | 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 senior solutions architect 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