









RIFAT ERDEM SAHIN


DATA ARCHITECT | ENTERPRISE DATA STRATEGY & ARCHITECTURE SPECIALIST

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

Senior Data Architect specializing in **enterprise data architecture, data governance, and analytics platforms**. Deep expertise in designing and implementing comprehensive data strategies supporting business intelligence and AI initiatives. Proven track record building data architectures that delivered 300% improvement in data accessibility and 30% reduction in data processing costs across financial services, healthcare, and real estate sectors. Expert in modern data stack and data mesh architectures.

CORE COMPETENCIES

-  **Enterprise Data Architecture** - End-to-end data architecture design and implementation
 - Data lake and data warehouse architectures
 - Real-time data processing and streaming architectures
 - Data governance and quality frameworks
-  **Modern Data Stack Implementation** - Cloud-native data platforms and services
 - Data mesh and domain-driven data architectures
 - Self-service analytics and data democratization
 - Data security and privacy compliance

KEY ACCOMPLISHMENTS

2024 | Goldman Sachs | Muscat, Oman

Enterprise Data Architecture for Financial Analytics - **Challenge:** Design comprehensive data architecture for real-time financial analytics and reporting - **Solution:** Architected modern data platform with real-time processing and self-service analytics - **Impact:** - 300% improvement in data processing speed through optimized architecture - 30% reduction in data infrastructure costs via cloud optimization - Real-time analytics enabling faster regulatory reporting - **Technologies:** Azure Synapse, Data Factory, Power BI, Databricks, Delta Lake

PROFESSIONAL EXPERIENCE HIGHLIGHTS

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

- Led data 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

Data 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)

AVAILABILITY & CONTACT

Immediate Availability for data architect roles



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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