

RIFAT ERDEM SAHIN

Analytics Engineer | Data Analytics & Business Intelligence Specialist

** Location:** London, United Kingdom ** Citizenship:** British ** Email:** contact@rifaterdemsahin.com ** Phone:** +44 7848 024173 ** LinkedIn:** linkedin.com/in/rifaterdemsahin ** GitHub:** github.com/rifaterdemsahin ** Portfolio:** https://rifaterdemsahin.com ** Schedule a Call:** https://calendly.com/rifaterdem/schedule

PROFESSIONAL SUMMARY

Senior Analytics Engineer specializing in **data transformation, analytics platforms, and business intelligence**. Expert in building scalable analytics infrastructure enabling data-driven decision making.

CORE COMPETENCIES

Analytics Platform Engineering - Data modeling and transformation pipelines - Business intelligence and reporting automation - Analytics infrastructure and performance optimization - Self-service analytics platform development

KEY ACCOMPLISHMENTS

2024 | Goldman Sachs | Muscat, Oman

Enterprise Analytics Engineer Platform - Challenge: Implement scalable analytics engineer solutions for financial services environment - **Solution:** Architected comprehensive platform with automation and monitoring capabilities - **Impact:** - 300% improvement in operational efficiency through advanced automation - 30% reduction in operational costs via intelligent optimization - 99.9% system availability with automated failover and recovery - **Technologies:** Kubernetes, Terraform, Azure/AWS, Monitoring tools, Automation frameworks

2023 | Ypsomed | Switzerland

Healthcare Technology Platform - Challenge: Scale analytics engineer capabilities for medical device and IoT environments - **Solution:** Implemented robust platform with real-time processing and analytics - **Impact:** - 40% improvement in system performance through optimized architecture - 35%

reduction in operational overhead via automation - Real-time insights enabling improved healthcare delivery - **Technologies:** Cloud platforms, Monitoring systems, Automation tools, Analytics platforms

2022 | Cushman & Wakefield | London, UK

Real Estate Technology Platform - Challenge: Modernize analytics engineer infrastructure for property management analytics - **Solution:** Built cloud-native platform with automated processes and real-time analytics - **Impact:** - 50% faster processing through optimized platform architecture - 90% improvement in system reliability via automated monitoring - Enhanced business intelligence enabling strategic decision making - **Technologies:** Azure services, Analytics platforms, Automation frameworks, Monitoring tools

TECHNICAL EXPERTISE

Core Technologies

Platforms: Kubernetes, Docker, AWS, Azure, GCP **Automation:** Terraform, Ansible, GitLab CI/CD, GitHub Actions **Monitoring:** Prometheus, Grafana, ELK Stack, Azure Monitor **Programming:** Python, Bash, PowerShell, YAML, JSON

Specialized Skills

Infrastructure: Infrastructure as Code, Container orchestration, Cloud architecture **Security:** Zero-trust architectures, Compliance frameworks, Identity management **Operations:** CI/CD pipelines, Monitoring and alerting, Incident response **Integration:** API design, Microservices, Event-driven architectures

PROFESSIONAL EXPERIENCE HIGHLIGHTS

Senior Analytics Engineer / Technical Lead | 2020 - Present *Goldman Sachs, Ypsomed, Cushman & Wakefield*

- Led analytics 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

Analytics 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 analytics engineer roles

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

SUPPORTING DOCUMENTS

Download Full CV (PDF): https://rifaterdemsahin.com/wp-content/uploads/2025/05/erdem-sahin-cv_summary_2025_may.pdf

Download Full CV (Word): https://rifaterdemsahin.com/wp-content/uploads/2025/05/erdem-sahin-cv_summary_2025_may.docx

Technical Portfolio & Presentations: <https://rifaterdemsahin.com/wp-content/uploads/2025/02/rifaterdemsahinprofilepresentation.v2025.2.pdf>

References and detailed project portfolios available upon request