









RIFAT ERDEM SAHIN



AI PLATFORM ENGINEER | ML INFRASTRUCTURE SPECIALIST

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

Senior AI Platform Engineer specializing in **MLOps, AI infrastructure, and scalable machine learning platforms**. Deep expertise in designing and implementing production-scale AI/ML platforms supporting enterprise AI initiatives. Proven track record building AI platforms that delivered 300% productivity improvements and 30% cost reductions across financial services, healthcare, and real estate sectors. Expert in bridging ML research and production deployment through robust AI infrastructure.

CORE COMPETENCIES

-  **AI/ML Platform Engineering** - End-to-end ML platform design and implementation - MLOps pipelines with automated model training and deployment - AI infrastructure scaling and performance optimization - Model versioning, monitoring, and lifecycle management
 -  **ML Infrastructure & Automation** - Kubernetes-based ML workload orchestration - GPU cluster management and resource optimization - Automated feature engineering and data pipeline construction - CI/CD for machine learning with automated testing frameworks
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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 AI Platform for Financial Analytics - Challenge: Build scalable AI platform for real-time financial risk assessment and trading algorithms - **Solution:** Architected comprehensive MLOps platform with automated model deployment and monitoring - **Impact:** - 300% increase in model deployment frequency through automated ML pipelines - 30% reduction in infrastructure costs via intelligent resource optimization - Real-time model inference supporting millions of daily transactions - **Technologies:** Kubernetes, MLflow, Kubeflow, TensorFlow Serving, Prometheus, Grafana, Red Hat OpenShift (OCP), Loki

PROFESSIONAL EXPERIENCE HIGHLIGHTS

Senior AI Platform 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 AI Platform Engineer / Technical Lead | 2020 - 2025

Goldman Sachs, Ypsomed, Cushman & Wakefield

- Led ai platform 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

AI Platform 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 ai platform 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