









RIFAT ERDEM SAHIN


FORWARD DEPLOYED ENGINEER | CLIENT-FACING SOLUTIONS & INTEGRATION 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 Forward Deployed Engineer specializing in **deploying mission-critical platforms in complex client environments**. Deep expertise in bridging the gap between product engineering and customer operations. Proven track record in rapid prototyping, on-site integration, and delivering value to government and enterprise clients. Expert in troubleshooting complex data pipelines and infrastructure in restricted environments.

CORE COMPETENCIES

 **Deployment & Integration** - Technical delivery in complex/restricted environments (Air-gapped, On-prem) - Rapid prototyping and solution architecture - System integration and data pipeline engineering - Infrastructure troubleshooting and performance tuning

 **Client Engineering** - Technical liaison between product and customer teams - Requirement gathering and technical scoping - User training and adoption strategies - Crisis management and incident resolution

KEY ACCOMPLISHMENTS

2024 | Government Agency | London

Intelligence Platform Deployment - Challenge: Deploy a complex data analytics platform in a highly restricted, air-gapped environment. - **Solution:** Engineered custom deployment scripts and data ingestion pipelines to work without internet access. - **Impact:** - Delivered fully operational platform 2 weeks ahead of schedule. - Enabled analysts to process 5TB+ of legacy data previously inaccessible. - Trained 50+ users on advanced analytical workflows. - **Technologies:** Linux, Docker, Python, PostgreSQL, ElasticSearch

2023 | Enterprise Retail Client | Europe

Supply Chain Optimization - Challenge: Integrate predictive AI operational platform with legacy ERP systems across 12 countries. - **Solution:** Developed custom adapters and ETL pipelines to unify fragmented data sources. - **Impact:** - Reduced supply chain latency by 30% through real-time visibility. - Automated report generation saving 200+ hours of manual work per month. - Scaled deployment from 1 to 12 regions in under 6 months.

PROFESSIONAL EXPERIENCE HIGHLIGHTS

Senior Forward Deployed 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 Forward Deployed Engineer / Technical Lead | 2020 - 2025 *Goldman Sachs, Ypsomed, Cushman & Wakefield*

- Led forward deployed 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

Forward Deployed 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
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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 forward deployed 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