









# RIFAT ERDEM SAHIN

## GCP ARCHITECT | GOOGLE CLOUD PLATFORM SOLUTIONS EXPERT

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


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Senior GCP Architect specializing in **Google Cloud solutions, data analytics, and AI/ML platforms**. Deep expertise in designing and implementing scalable GCP infrastructure supporting data-driven applications and machine learning workloads. Proven track record building GCP platforms that delivered 300% productivity improvements and 30% cost reductions across financial services, healthcare, and real estate sectors. Expert in Google Cloud's AI/ML services and data analytics capabilities.

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## CORE COMPETENCIES

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 **GCP Cloud Architecture** - End-to-end Google Cloud solution design and implementation - Multi-region GCP architectures with global load balancing - GCP-native data analytics and AI/ML platforms - Cloud-native application development with GCP services

 **GCP Data & AI Platforms** - BigQuery data warehouse and analytics implementations - AI Platform and AutoML model deployment - Real-time data processing with Dataflow and

Pub/Sub - GCP security and identity management

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## KEY ACCOMPLISHMENTS

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### 2024 | Goldman Sachs | Muscat, Oman

**GCP Data Analytics Platform - Challenge:** Build scalable GCP platform for financial data analytics and ML workloads - **Solution:** Architected comprehensive GCP data platform with real-time analytics and AI services - **Impact:** - 300% improvement in data processing speed through GCP optimization - 30% reduction in data platform costs via intelligent resource management - Real-time insights enabling faster financial decision making - **Technologies:** BigQuery, Dataflow, AI Platform, GKE, Cloud SQL, Pub/Sub

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## PROFESSIONAL EXPERIENCE HIGHLIGHTS

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

- Led gcp 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

**GCP 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
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## EDUCATION

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 **Bachelor of Science**

Southern New Hampshire University, USA  | 2013

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## CERTIFICATIONS & CONTINUOUS LEARNING

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-  **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

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## SECURITY CLEARANCES

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-  **UK SC (Security Check)** - Valid until 2028
  -  **NATO Clearance** - Valid until 2029
  - ✓ **Background Checks:** Watchdog (2024), Sterling (2019)
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## AVAILABILITY & CONTACT

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**Immediate Availability** for gcp architect roles



**Schedule a Discussion:** <https://calendly.com/rifaterdem/schedule>



**Email:** [contact@rifaterdemsahin.com](mailto:contact@rifaterdemsahin.com)



**Phone:** +44 7848 024173

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## SUPPORTING DOCUMENTS

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**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)

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*References and detailed project portfolios available upon request*