Erdem Sahin

Contract Solution Architect

British—Security Cleared (Nato / NSV)

An experienced and hands-on contract solution architect with extensive knowledge of CI/CD, DevOps, and AI-based architectures. Proven track record in delivering release-on-demand frameworks and transforming enterprise environments. Adept in both cloud and on-premise solutions, with a strong focus on automation, scalability, and security.

💪 COMPETENCIES

Core: DevOps | Transformation Specialist | SRE | Security Cleared | AI Consultant

DevOps | CI/CD | AI Integration | SRE | Agile Transformation | Cloud Computing | Automation | Security-Cleared Operations | Microservices Architecture | Infrastructure as Code | Kubernetes | Docker | Data Engineering | AI Consultant

🧰 FAMILIAR TOOLS

Azure, AWS, GCP, Kubernetes, Docker, Terraform, Ansible, Jenkins, Git, Azure DevOps, ELK Stack, Python, Java, JavaScript, SQL, PowerShell, JSON, CI/CD Tools, Serverless Architectures, Microservices Frameworks, Virtualisation, VR, AI & Machine Learning Platforms.

🎓 EDUCATION & CERTIFICATES

Southern New Hampshire University, USA—Bachelor of Science (2013)

Severna Park High School, USA—Diploma (1999)

Certifications: Microsoft Certified Architect in Cloud Solutions (70-532)

🏆 PROFESSIONAL ACHIEVEMENTS

🏆 Awarded Most Valuable Professional in OO Databases (Db40)

🚀 Delivery Pilot: Achieved 10x Release Cycles

🎓 Certified Trainer for Pluralsight and Knowledge Academy

🔐SECURITY CLEARANCES

Successfully passed background checks with Sterling (2020) and IBM Watchdog (2024)

DBS (2025), BPSS (2026), CNI (2026), UK SC (2028), NSV (2028), NATO (2029)

🛠️KEY RESULTS

ENTER PRISE	JOB TITLE	KEY ACHIEVEMENTS	RESPONSIBILITIES
Goldman Sachs / ACLDigital	DevOps Release Train Engineer	Designed and implemented CI/CD workflows across multi-cloud platforms (GCP, Azure, AWS) using OpenShift and AI-driven automation, resulting in reduced release times and improved software deployment speed and reliability.	Led the creation of a DevSecOps maturity framework. Integrated cloud build automation with real-time monitoring. Coordinated deployments for over 4 million users in Oman.
IBM	SRE	Openshift cluster management and release in a secure manner.	Work on critical national infrastructure, deliver on a multi-cluster environment, and help lead teams to close the skills gaps. j
Ypsomed	DevOps Consultant	Successfully migrated Git repositories from legacy systems (TFS), phasing out outdated infrastructures while documenting processes to comply with strict healthcare regulations.	Planned and executed the migration with cross-functional teams. Ensured adherence to health regulations and managed compliance throughout the migration process.
Cushman & Wakefield	DevOps Engineer	Built infrastructure as code (IaC) using ARM templates for scalable Azure deployments, improving infrastructure provisioning efficiency and deployment predictability.	Created and implemented ARM templates to automate Azure infrastructure deployment. Worked on improving practical deployment solutions for data environments.
Emerson	DevOps Engineer	Developed both on-premise and cloud-based Kubernetes environments, successfully	Created comprehensive training videos for stakeholders on Kubernetes and container orchestration. Led Kubernetes

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		delivering mini Kubernetes instances for testing and debugging purposes.	implementation for teams experiencing technical bottlenecks.
Canada Life	DevSecOps Engineer	Automated API management using Azure services, improving coordination between microservices and enhancing system-level integration, reducing delivery time for critical services.	Implemented API management automation, developed facade automation, and introduced a shift-left approach in API security to reduce vulnerabilities earlier in development.
Theta Trading	Azure DevSecOps Engineer	Enhanced the company's continuous delivery (CD) process by implementing pipelines-as-code with ARM and YAML pipelines, leading to faster and more reliable software delivery.	Developed automated pipelines using Azure Logic Apps. Optimized continuous delivery by automating deployment and testing processes.
Sword	Azure DevSecOps Engineer	Standardised environment consistency by implementing automated ARM and YAML pipelines, ensuring smooth and reliable deployments across different systems.	Designed, implemented, and maintained continuous delivery pipelines to manage consistent infrastructure environments across multiple cloud platforms.
Pexabo LLC	DevOps Integration	Successfully implemented a full video production pipeline using the GCP Transcoder API, integrated with AWS, and delivered seamless video processing for both on-premise	Used GCP Transcoder API to handle video transcoding, integrated with Synology NAS for on-premise backup, and utilized AWS Glacier for long-term storage.

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		and cloud backup systems.	
Ardent Blue Technologies	DevOps Consultant	Optimised Unreal Engine build times by automating DevOps processes, leading to significantly shorter release cycles and faster time-to-market for AAA game titles.	Led DevOps automation for Unreal Engine projects. Coordinated cross-continental teams, improving project delivery and efficiency for both South American and New Jersey teams.
Netas / ZTE	DevOps Consultant	Architected high-availability Azure DevOps infrastructure for the Qatar World Cup, ensuring that mission-critical systems met high performance and reliability standards.	Designed and estimated high-scale Azure DevOps architecture, focusing on system reliability and availability for large-scale sports events.
Concentra Analytics	Senior DevSecOps Engineer	Developed and orchestrated CI/CD pipelines using AWS and Azure, successfully integrating systems across cloud platforms, reducing deployment times, and improving system stability.	Worked closely with orchestrators and DevOps teams to set up and maintain continuous delivery pipelines, ensuring component isolation and reliable system deployment.
Smart Space Software Plc	Senior DevOps Engineer	Led the migration to Service Fabric, enabling the company's multi-tenant architecture and improving scalability for future cloud and on-premise deployments.	Used PowerShell scripting for continuous integration, focusing on implementing a cloud-agnostic architecture for multi-vendor service deployments.
Red Box Recorders	Senior DevOps Engineer	Successfully migrated workloads to Kubernetes across multi-environment setups, improving scalability, visibility,	Created Kubernetes environments for on-premise and cloud, managing complex migrations while maintaining containerised workloads across

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		and container orchestration efficiency.	environments.
MMT Digital	Senior DevOps Engineer	Created a fully containerised microservices architecture using Docker, streamlining development and deployment processes for continuous delivery (CD).	Developed and maintained hosting environments and managed container migration, ensuring seamless integration into the existing development pipeline.
Craneware	DevOps Architect	Established continuous delivery pipelines across multiple environments, improving system reliability and reducing manual intervention during deployments.	Assessed and implemented CD pipelines, supporting deployment to multiple environments and improving software release efficiency and consistency.
Scottish Enterprise	DevOps Architect / Site Reliability Engineer	Established automated continuous delivery pipelines using Docker and Kubernetes. Improved real-time monitoring systems and deployment workflows.	Built CI/CD pipelines with VSTS and Helm, ensuring system reliability through continuous monitoring and automated deployment processes.
Ticket Arena	DevOps Architect	Achieved daily deployments to multiple environments by developing comprehensive continuous delivery pipelines, reducing delivery times, and improving team productivity.	Managed the creation and optimisation of deployment pipelines, ensuring a holistic approach to continuous delivery across multiple environments.
Holovis—Play Nation	Implementation & Architecture	Developed a scalable and cost-effective backend for an augmented reality game,	Designed and maintained the codebase for AR game development, ensuring scalability and smooth handover to the

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		improving system performance and development speed for future iterations.	permanent development team.
Microsoft	Cloud Solution Architect	Led major cloud migration projects, transitioning enterprise customers to cloud-based solutions and optimising their infrastructure for cost-efficiency and performance.	Managed architectural design meetings and proof-of-concept projects and implemented Azure-based cloud solutions for large-scale enterprises.
Accenture	Manager	Streamlined software project delivery using continuous integration and continuous delivery pipelines, resulting in daily releases and automated testing.	Managed the full software development lifecycle, ensuring continuous improvement and daily releases across multiple projects.
Net Holding / BTCTrader	Software Architect / Consultant	Reduced technical debt by implementing microservices architecture, increasing deployment frequency, and improving system flexibility for financial exchanges.	Applied Kanban for project management, implemented continuous integration, and led the migration of services to cloud platforms like Azure and AWS.
Iddaa-Broada ge	Software Architect	Implemented continuous integration and service-orientated architecture (SOA) to improve system performance and increase developer retention for Turkey's leading sports gaming provider.	Developed microservices architecture and established project management systems for continuous delivery, increasing system performance and reliability.

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Tubitak / Metin Madencisi	Tech Lead / Software Architect	Built dynamic scaling systems on AWS, enabling an ad server platform to handle billions of views per month, increasing ad performance and scalability.	Led the development of scalable ad-serving systems, managing the architecture for publisher integration and performance optimisation on AWS.
PlusCanvas.com	Consultant / Contractor	Rebuilt the entire e-commerce platform using NopCommerce, creating a scalable, customisable, and extendable platform to support business growth.	Managed the customisation and refactoring of monolithic architecture, ensuring the new platform was scalable and future-proof.
Turkcell / Telecom	Data Architect / Contractor	Migrated SQL Server and Oracle billing systems, improving performance and saving the company millions of dollars in operational costs.	Led the migration of critical billing systems, ensuring performance optimisation and seamless integration between Oracle and SQL Server databases.

📅 AVAILABILITY AND CONTACT

Schedule a meeting: https://calendly.com/rifaterdem/schedule

Location: London, United Kingdom

Email: info@pexabo.com

Phone: +44 7848 024173

LinkedIn: linkedin.com/in/rifaterdemsahin

CV As Code: https://github.com/rifaterdemsahin