Erdem Sahin

**Indefinite Leave To Remain - Security Cleared**

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

An experienced and hands-on engineer 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.

# 🛠️KEY RESULTS

- **2024: Goldman Sachs (Muscat, Oman)** - Developed an AI-driven CI/CD framework, boosting monthly deployments from one to four, cutting deployment costs by 30%, and enhancing software deployment.

- **2023: Ypsomed (Switzerland)** - Migrated IoT systems and completed Git and TFS migrations, optimising workflows, reducing versioning conflicts by 40%, and improving system performance by 25%.

- **2022: Cushman & Wakefield (London, UK)** - Automated ETL processes and integrated Databricks and MuleSoft, increasing data processing speed by 50% and reducing data errors by 35%.

- **2021: Emerson (USA)** - Deployed Kubernetes and GPU-based Docker containers, improving computational efficiency by 45% and reducing costs by 20%.

- **2020: Sword (UK)** - Implemented IaC with Azure Bicep and Octopus Deploy, reducing infrastructure deployment time by 60% and decreasing downtime by 30%.

- **2019: Ardent Blue Technologies LLC (USA)** - Built a serverless CI/CD pipeline for VR applications, increasing deployment speed by 70% and lowering operational costs by 40%.

- **2018: Redbox - TelCo (Nottingham, UK)** - Led on-premise Kubernetes migration and ELK Stack implementation, enhancing monitoring by 50% and boosting team collaboration by 30%.

- **2017: Scottish Enterprise (Glasgow, UK)** - Established Azure continuous delivery practices with ELK Stack integration, improving system reliability by 35%.

- **2016: Microsoft** - Served as Enterprise Transformation Architect, increasing technology utilisation by 50% among key customers.

- **2015: Accenture** - As a Quality Assurance Manager, implemented SAFe methodology, enhancing software quality by 30% and reducing delivery time by 25%.

# 💪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, Virtualization, 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)

📚 DevAIOps Course Creation

🚀 Delivered Pilot Program: Achieved 10x Release Cycles

🎓 Certified Trainer for Pluralsight and Knowledge Academy

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# 🔐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)

**📅AVAILABILITY**

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