
Erdem Sahin

British Citizen—Security Cleared

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

An experienced and hands-on **AI engineer** with extensive knowledge of CI/CD, DevOps, and agent based architectures. Proven track record in delivering and transforming enterprise environments in both cloud and on-premise solutions, with a strong focus on automation, scalability, testing and security.

KEY RESULTS

- **2024: IBM** Release Cadence for the Critical National Infrastructure with AI-driven automation to hit transformational goals of a National Program, increasing the velocity for the releases by 20%.
- **2023: Goldman Sachs (Muscat, Oman)—Developed** an AI-driven CI/CD framework, boosting monthly deployments from one to four, cutting deployment costs, and enhancing software deployment.
- **2022: Ypsomed (Switzerland)** - Migrated IoT systems and completed Git and TFS migrations, optimising workflows, solving versioning conflicts by 40%, and improving system performance by 25%.
- **2021: Cushman & Wakefield (London, UK)** - Automated ETL processes and integrated Databricks and MuleSoft, increasing data processing speed by 50% and reducing data errors by 35%.
- **2020: Emerson (USA)—Deployed** Kubernetes and GPU-based Docker containers, improving computational efficiency by 45% and reducing costs by 20%.
- **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: Scottish Enterprise (Glasgow, UK)** - Established Azure continuous delivery practices with ELK Stack integration, improving system reliability by 35%.
- **2017: Microsoft—Served** as Enterprise Transformation Architect, increasing technology utilisation for cloud
- **2016: Accenture—As** a Quality Assurance Manager, implemented SAFe methodology, enhancing software quality by 30% and reducing delivery time by 25%.

COMPETENCIES

Core: AI | DevOps | SRE

N8n | DevOps | CI/CD | AI Integration | SRE | Agile Transformation | Cloud Computing | Automation | Microservices Architecture | Infrastructure as Code | Kubernetes | Docker | Data Engineering | AI-CLI

FAMILIAR TOOLS

Azure, AWS, GCP, Kubernetes, Docker, Terraform, Ansible, Jenkins, Git, Azure DevOps, ELK Stack, Python, C#, Java, JavaScript, SQL, PowerShell, JSON, CI/CD Tools, Serverless Architectures, Microservices Frameworks, Virtualisation, VR, AI & Machine Learning Platforms, n8n, LLM

EDUCATION & CERTIFICATES


Southern New Hampshire University, USA—Bachelor of Science

Severna Park High School, USA

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

PROFESSIONAL ACHIEVEMENTS

 Awarded Most Valuable Professional in OO Databases (Db40)

 Delivery Pilot Program: 200+ Github Repos

 Certified Trainer for Pluralsight, Knowledge Academy and Coursera

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>