

ALESSANDRO GALLO

DevOps Engineer

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EXPERIENCE

AWS DevOps Engineer

beSharp

📅 February 2023 – Present 📍 Pavia, Italy

- Led migration of legacy applications to a **microservices** architecture, enhancing the reliability and scalability of the system.
- Implemented **CI/CD pipelines** using integration tools such as the AWS Code Suite, AzureDevOps.
- Proficient in writing Python and Bash scripts, as well as Typescript code.
- Architected and developed scalable cloud-based infrastructures using Cloudformation, CDK, and Terraform.

EDUCATION

Associate Degree for IT Infrastructure, Cloud and Data Security

ITS Angelo Rizzoli

📅 September 2021 – July 2023

High School Diploma

L. Cossa Institute

📅 September 2014 – June 2019

CERTIFICATIONS

AWS Certified Solutions Architect - Professional

📅 December 2024

AWS Certified Developer - Associate

📅 July 2024

AWS Certified SysOps Administrator - Associate

📅 April 2024

AWS Certified Solutions Architect - Associate

📅 December 2023

Azure Fundamentals - Microsoft 365 Fundamentals - Microsoft Security, Compliance and Identity Fundamentals

📅 2023

Cisco Cyber Threat Management - Cisco Endpoint Security - Cisco Network Defense

📅 2022

Zyxel Certified Network Engineer

📅 2022

PROJECTS

Data Platform (DevOps)

- International Humanitarian Organization Project.

Designed and developed a fully automated ETL (Extract, Transform, Load) solution to increase data processing efficiency while reducing data analyst workload. Implemented a Single Point of Truth (SPOT) architecture to ensure the consolidation of a unified and secure data source in a sensitive international context.

SKILLS

Scripting and Programming Languages

- Python ●●●●●●●●
- Bash ●●●●●●●●
- Typescript ●●●●●●●●

OS: GNU/Linux (Debian and RHEL based), Windows Server.

Cloud: Amazon Web Services(AWS), Azure(Microsoft), Oracle Cloud(OCI).

Infrastructure as code(IaC): CloudFormation(YAML), CDK(JavaScript, Python), Terraform, Ansible.

DevOps: GIT, Docker, CI/CD Pipelines(AzureDevOps, AWS Code Suite), Github Actions, Jenkins.

Data: AWS Glue, Amazon Redshift, SQL, Tableau.

Culture and Process: Agile, Value Stream Mapping.

INTERESTS

Technical

- Open Source Community
- ETL/Data oriented projects

Hobbies

- Self-hosting
- Cooking (Chef in a not-so-distant past life)

LANGUAGES

- Italian ●●●●●●●●
- English ●●●●●●●●
- Spanish ●●●●●●●●