Claudio **Scalzo**

DevOps Engineer & Cloud Architect

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Born in Italy in 1994. Passionate about the whole Cloud Computing and DevOps landscapes.
Continuous-learner. Strong analytical thinking and enthusiastic approach. Software engineer.
AWS-certified Solutions Architect and DevOps Engineer. Languages: Italian (native), English (C1 advanced).

Experience

Storm Reply   *Turin, Italy*
DevOps Engineer & AWS Cloud Solutions Architect   *Feb 2019 - now*
- As a DevOps engineer: implemented CI/CD pipelines, authored and managed infrastructure-as-code declarative templates, deployed enterprise-ready toolchains exploiting proprietary/open-source/AWS-managed tools, implemented serverless backend software and REST API definitions, developed automation software for cloud-based applications. Designed GitOps pipelines, improving critical enterprise flows.
- As a Solutions Architect: designed cloud-native architectures, architected microservices-based platforms, developed serverless workflows, led cloud migrations and disaster recovery projects. Handled enterprise cloud assets with focus on scalability, reliability, infrastructure and network security, auditing and monitoring, as well as cost optimization aspects.

SAP France   *Paris, France*
Software Engineer / Data Engineer intern   *Jul 2018 - Dec 2018*
- Worked on a Microsoft Azure cloud-based Data Lake platform, implementing a framework to extend the ETL pipeline with a pre-processing and post-processing phase, respectively exploiting object-storage parallel data transfer and machine learning (Spark ML) capabilities.
- Made use of Spark parallelisation, leveraging distributed computing, the Azure ADLS object storage, and the SAP HANA data warehouse.
- Managed Jenkins continuous integration and delivery pipelines for test, staging and production environments.

Education

Master of Science in Software Engineering   *Turin, Italy*
Politecnico di Torino   *Sep. 2016 - Apr. 2019*
- With the highest grade, 110/110 with honors

Double Degree in Data Science and Engineering   *Sophia Antipolis, France*
Eurecom / Telecom ParisTech   *Sep. 2017 - Apr. 2019*
- Double Degree program between Telecom ParisTech and Politecnico di Torino

Bachelor's Degree in Software Engineering   *Turin, Italy*
Politecnico di Torino   *Sep. 2013 - Jul. 2016*
- With the highest grade, 110/110

Skills

Containers	Docker • Kubernetes • Amazon ECS/Fargate • AWS Batch
VCS/CI/CD	Git • GitLab CI • Jenkins CI • Argo CD • AWS CodeSuite (CodePipeline, CodeBuild, CodeDeploy)
IaC	Terraform • AWS CloudFormation • AWS CDK
Languages	Python • Java • C • C# • JavaScript • Node.js • SQL • Bash • SPARQL
Big Data & ML	Amazon SageMaker • Apache Spark (Amazon EMR) • Lex & Dialogflow NLPs • Jupyter • Pandas • scikit-learn
Competencies	Microservices/Serverless cloud-native architectures • CI/CD pipelines • Cloud migrations & refactorings • Cloud automations • Cloud cost optimization • Critical enterprise cloud infrastructures management • Microservices clusters (K8s/ECS) administration • Software design & development • APIs definition & implementation
Soft Skills	Problem solving (definition, analysis, solution design, plan and implementation) • Customer guidance (solution proposal, technical and high-level information sharing) • Knowledge transfer (public speeches and workshops) • Team-work (task scheduling and segregation, brainstorming, knowledge sharing)

Certifications

AWS Certified Solutions Architect - Associate	github.com/claudioscalzo/cv/raw/master/documents/aws_csa_associate.pdf
IELTS 7.5 - C1 English CEFR	github.com/claudioscalzo/cv/raw/master/documents/ielts_7_5_c1_cefr.pdf

Accomplishments

AWS Migration GameDay Milan 2019	1st place
Reply Xchange 2020	Public Speech on "GitOps & Continuous Everything", 400 attendees