

# 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: engineered CI/CD pipelines, implemented 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. Implemented Git-based DevOps pipelines, exploiting declarative infrastructure and application repositories to implement CI/CD flows to ease and accelerate integration/deployment from development to production environments.
- As a Solutions Architect: designed cloud architectures, architected microservices-based platforms, developed serverless workflows, managed cloud migrations and cloud-native infrastructures. Handled enterprise cloud assets with a focus on infrastructure and network security, auditing and monitoring, as well as services reliability and cost optimization.

### SAP France

*Paris, France*

#### SOFTWARE ENGINEER / DATA ENGINEER INTERN

*Jul 2018 - Dec 2018*

- Worked on a 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 the distributed cluster computation and the Azure ADLS object storage, along with the business data warehouse (SAP HANA).
- Managed Jenkins continuous delivery pipelines for 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

<b>AWS Cloud</b>	Microservices/Serverless Architectures Design • Cloud Migration • Refactoring • Automation & Optimization
<b>Containers</b>	Docker • Kubernetes • Amazon ECS/Fargate • AWS Batch
<b>VCS/CI/CD</b>	Git • GitLab CI • Jenkins CI • Argo CD • AWS CodeSuite (CodePipeline, CodeBuild, CodeDeploy)
<b>IaC</b>	Terraform • AWS CloudFormation • AWS CDK
<b>Languages</b>	Python • Java • C • C# • JavaScript • Node.js • SQL • Bash • SPARQL
<b>Big Data &amp; ML</b>	Amazon SageMaker • Apache Spark (Amazon EMR) • Lex & Dialogflow NLPs • Jupyter • Pandas • scikit-learn
<b>Competencies</b>	CI/CD pipelines implementation • Production-ready delivery strategy design Cloud architectures design and provisioning • Backend software and API definition implementation
<b>Soft Skills</b>	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 CERTIFICATIONS

- **AWS Certified Solutions Architect - Associate Level** • [github.com/claudioscalzo/cv/raw/master/documents/aws\\_csa\\_associate.pdf](https://github.com/claudioscalzo/cv/raw/master/documents/aws_csa_associate.pdf)
- **AWS Certified Cloud Practitioner** • [github.com/claudioscalzo/cv/raw/master/documents/aws\\_ccp.pdf](https://github.com/claudioscalzo/cv/raw/master/documents/aws_ccp.pdf)