Claudio **Scalzo**

CLOUD ENGINEER @ STORM REPLY

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Born in Italy in 1994. Passionate about the whole cloud computing landscape. Strong analytical thinking and team-working skills. Successful results due to the passion for this field and the high precision in projects and tasks fulfillment. Languages: Italian (MT), English (C1), French (intermediate).

Education

Master of Science 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

Master of Science in Software Engineering   *Turin, Italy*

POLITECNICO DI TORINO   *Sep. 2016 - Apr. 2019*

- with the highest grade, 110/110 with honors

Bachelor's Degree in Software Engineering   *Turin, Italy*

POLITECNICO DI TORINO   *Sep. 2013 - Jul. 2016*

- with the highest grade, 110/110

Experience

Storm Reply   *Turin, Italy*

AWS CLOUD ENGINEER   *Feb 2019 - now*

- Cloud Engineer, working for various customers, offering cloud professional services, migrations and cloud native infrastructures.
- Worked with IaaS/PaaS services, providing automation and cloud architectures design / management in the AWS and Azure platforms.
- Managed critical production assets for large international companies, providing cloud expertise for the business-drive technical needs of the various customers, in the whole project lifecycle.

SAP France   *Paris, France*

SOFTWARE ENGINEER / DATA ENGINEER INTERN   *Jul 2018 - Dec 2018*

- Worked on a Data Lake platform based on Microsoft Azure, adding a framework to extend the post-processing phase with machine learning capabilities, and the pre-processing phase with external data ingestion and ADLS data transfer.
- Leveraged Spark parallelization, exploiting the distributed computing power offered by the HDInsight clusters, storing raw/processed data on the ADLS, and making the output available in Hive tables consumable by the business data warehouse (on SAP HANA).
- Managed Jenkins continuous delivery pipelines for both testing and production environments; provided support, troubleshooting and solution proposals during the daily team operations.

Skills

Cloud Computing	AWS • Microsoft Azure
Languages	Python • Java • C • C# • SQL • JavaScript • SPARQL
Big Data	Apache Spark • Apache Hive • MapReduce & HDFS • NoSQL Architectures
Machine Learning	Spark ML • scikit-learn • Keras • Deep Learning (NNs, CNNs, RNNs) • NLP
OSs & Container Technologies	Linux • Windows Server • Docker • Kubernetes
Tools & Platforms	Git • Jenkins CI/CD • Jupyter / Zeppelin Notebooks • Dialogflow (+ BotKit)

Certifications

AWS Certifications

JUN 2019

- **AWS Certified Solutions Architect - Associate Level** • github.com/claudioscalzo/cv/blob/master/documents/aws_csa_associate.pdf
- **AWS Certified Cloud Practitioner** • github.com/claudioscalzo/cv/blob/master/documents/aws_ccp.pdf

Projects

Virtual Assistant for answering music related questions

2018 | GITHUB.COM/D2KLAB/MUSIC-CHATBOT • CHATBOT.DOREMUS.ORG

- Virtual assistant development (in the chatbot and vocal assistant forms), capable of answering music related questions and providing detailed graphical results. Informations extracted from the *DOREMUS* knowledge base, queried using the SPARQL language.
- Built with Node.js, using the BotKit framework. Trained Google Dialogflow as NLP. Facebook Messenger, Slack and Google Assistant support.
- Contributed with two accepted pull requests to the `botkit-middleware-dialogflow` author, for concurrency and language support.