# Daniele Tondo

## AWS Certified DevOps Engineer & Solutions Architect

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## About

I deal with the design of IT architectures and their creation using Infrastructure as Code. I automate and optimize systems and processes, as well as create and manage tools for deployment, operations and monitoring. As per DevOps culture, I develop and configure CI / CD systems.

I have good knowledge of Linux and bash scripting, and a background as Full Stack Developer of web applications in Javascript (Node.js), Python and PHP.

I earned a Bachelor's Degree in Computer Engineering from the University of Roma Tre and 4 AWS certifications: Solutions Architect Associate, Solutions Architect Professional, DevOps Engineer Professional and Security Specialty.

I have a strong aptitude for optimization and performance, and finally I am passionate about Security.

I believe that training and personal growth are two fundamental components for obtaining results.

## Experience

### DevOps Engineer I *Enel X, Milano (Italia)*

12/2021 — Present

Support for migration of applications in the Storage area with resources distributed across Italy/India/North America.

Design and development of a system for the execution of Integration Tests using Citrus Framework.

Development of a metrics and performance monitoring system for microservices on Kubernetes clusters.

### Solutions Architect / DevOps Engineer I *Storm Reply, Milano (Italia)*

04/2020 — 12/2021

Cloud migration project support for a large Energy Company.

Design and development of automation components through configuration management with Terraform, CloudFormation and Serverless Framework.

In the media sector (Sky Italia), definition of CI / CD pipeline for the automation of deployment of Java applications (with Docker) on cloud infrastructure (AWS).

Management and configuration of a Jenkins cluster entirely on the cloud.

Integration of hybrid authentication flows (cloud / on-premises) with ADFS, AWS SSO, Cognito.

### Cloud Engineer / Backend Developer l *Meeting Hub, Bergamo (Italia)*

06/2018 — 04/2020

Design of an IT on Cloud architecture (with AWS) for a search engine for high traffic meeting rooms.

Creation of pipelines for the implementation of CI / CD flows with AWS CodePipeline, AWS CodeBuild, AWS CodeDeploy.

Monitoring of logs and metrics with Elastic ELK (Elasticsearch, Logstash, Kibana).

Process automation with CloudWatch Events, Lambda and bash scripting.

Development of a Web Crawler in Python.

Serverless REST API design and development in Node.js with API Gateway, Lambda, S3 and DynamoDB.

Infrastructure as Code with CloudFormation & Terraform.

### Chief Technology Officer l *GEC Giochi Elettronici Competitivi, Roma (Italia)*

03/2016 — 06/2018

Design of cloud architectures (with AWS) for the provision of web services, in particular a community for gamers and a real-time support platform for streaming events.

Monitoring of logs and metrics with Elastic ELK (Elasticsearch, Logstash, Kibana).

Coordination of the Backend and Frontend development teams.

Technical support for organizing live events.

### Full Stack Developer l *Freelancer, Roma (Italia)*

04/2015 — 03/2016

Development of a search engine for training courses with PHP and CodeIgniter.

Magento e-commerce development in Fashion and Food sectors.

Management and configuration of virtual machines on shared hosts.

WordPress websites development.

### Full Stack Developer l *Infinity Entertainment, Roma (Italia)*

04/2013 — 04/2015

Sviluppo di un CRM aziendale in PHP con CodeIgniter, una piattaforma di e-learning eFront LMS, Hybrid Mobile Apps per iOS / Android con PhoneGap (Cordova), web app interattive per eventi live.

Gestione e configurazione di Apache su Server Linux, progettazione e gestione di Database MySQL.

Supporto tecnico per l'organizzazione di eventi live.

### Junior Web Developer l *Informit, Roma (Italia)*

12/2009 — 03/2013

Development of an e-government platform (services for the Public Administration) with PHP Zend Framework.

Apache management and configuration on Windows Server, PostgreSQL database management.

1st level Help Desk.

## Education

**Amazon Web Services (AWS)** I 2021

AWS Solutions Architect Professional

**Amazon Web Services (AWS)** I 2020

AWS DevOps Engineer Professional

**Amazon Web Services (AWS)** I 2019

AWS Solutions Architect Associate

**Università degli Studi Roma Tre, Roma (Italia)** I 2013

Bachelor's Degree in Computer Engineering (92/110)

**International House London, London (UK)** I 2011

English Course, livello Lower Intermediate (B1)

**C.P.F.P Cassia, Roma (Italia)** I 2007

Advanced Webmaster

**ENDO-FAP Don Orione, Roma (Italia)** I 2006

Advertising Graphics

## Languages

**Italiano**: Mother tongue
**Inglese**: Reading (B2) / Writing (B2) / Listening (B2) / Speaking (B1)

## Hobby

Running, Padel, Snowboard, Skydiving, Bungee Jumping, Risiko!.

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