Edoardo Costantini

Cloud Backend Engineer

📍 Via Aldino, 00124 Rome, Italy   ✉ Edoardo.costantini.96@gmail.com   📞 +393663306355

📅 26/04/1996   🏳 Italian   🚐 B, A2   ↖ Personal Portfolio   in LinkedIn   🐙 Github

Profile

I am a Cloud and Software Engineer based in Rome, Italy. I am always eager to learn new technologies and methodologies to increase the value of the products I work on.

Professional Experience

04/2020 – present Remote, Italy	**CLOUD BACKEND ENGINEER,** *VIASAT GROUP S.P.A* I have designed and developed micro-services (dotnetcore) to renovate a monolithic application concerning street monitoring and road compliancy. I have also handled AWS infrastructure of said micro-services, orchestrating them with ECS cluster and serving them via API Gateway. Infrastructure and application are deployed via Azure DevOps (pipelines), which also manages Agile processes. IAC is written in terraform. Recently, I started managing the R&D department, contributing to analysis and design of new products leveraging both my Cloud and Software knowledge.
06/2019 – 04/2020 Rome, Italy	**CLOUD ENGINEER,** *CLARANET ITALIA* I mainly worked with international clients on enterprise infrastructure development and disaster recovery (AWS), I developed and maintained, through infrastructure as code (terraform), monitoring, alarming, backup, disaster detection and recovery solution for multiple kubernetes cluster and EC2s. Deployments were achieved through Jenkins pods on K8s. I also handled tech-support on AWS for various clients.
07/2018 – 06/2019 Rome, Italy	**ANALYST CONSULTANT,** *CAPGEMINI ITALIA* Maintained and developed different desktop applications used in the Electronic Wafare domain. Applications were mostly WinForms based with SQLServer database handling transactions and storage. DevExpress was extensively used ad ORM and UI library.

Skills

C# is my go-to language whenever I'm developing web applications, I've used it extensively in conjunction with ASP.NET Core.
I have also used Python a lot to automate different workflows and build quick proof of concepts. My go-to SQL databases are PostgreSQL and SQL Server, while for No-SQL I mainly used MongoDB and AWS DynamoDB. As of right now, I am studying Golang since I would like to use it on my first open-source project Moraes (a distributed event store with delayed event dispatch). I have a basic and academic knowledge of C/C++ as well as Java. For my personal projects, I have also learned Dart to develop Flutter applications.

I use AWS cloud provider extensively to deploy highly scalable applications with CI/CD pipelines, serverless workloads and classic n-tier architectures.

Education

10/2015 – 10/2020 Rome, Italy	**B.S. Computer Engineering,** *UNIVERSITY OF ROMA TRE* Thesis: CFD simulation of additive manifacturing processes
09/2010 – 06/2015 Rome, Italy	**High School Diploma,** *LICEO SCIENTIFICO STATALE DEMOCRITO*