

Cloud Solution Architect

EXPERIENCE

SENIOR CONSULTANT | Avvale S.p.a. | May 2021 – ongoing

As a cloud architect, I was a member of a cross-functional team with the goal of assisting customers and development teams in their transition to the cloud.

- Contributed to the successful migration of a complex legacy Java application to the AWS cloud platform, resulting in improved scalability, reliability, and cost-efficiency
- Designed and deployed a serverless architecture for an application that serves hundreds of thousands of users
- Defined and designed all infrastructure using Terraform
- Assessed the business impact of technical choices
- Provided supervision and guidance to development teams

Application for Gas Station Services (European Market) | AWS, Terraform, Python, MongoDB Atlas

It was commissioned by an Italian multinational corporation classified as Fortune Global 500. As a cloud architect, I was entrusted with the task of creating a cloud-native application from the ground up on the Amazon Web Services (AWS) platform, leveraging serverless technologies.

Application for Gas Station Services (Italian Market) | AWS, Terraform, Java, J2EE, Python

As a cloud architect, my role was to help the development team in migrating a legacy Java application into a modern cloud-based environment.

PROJECT MANAGER | DSTECH S.r.l. | June 2018 – April 2021

Successfully led 3 projects, working on both client relations and technical architecture.

- Managed demands of clients and other stakeholders while staying on budget
- Managed technological change by effectively communicating and advocating for innovative architectural and technological choices to team members and other engineers
- Supervised teams, taking the best from Scrum and other Agile techniques

Application for a Debt Collection Agency | AWS, Java, Spring Framework, Docker

Aim of the application was to manage collected debts, analyze financial data related to clients and store information regarding insolvency proceedings. As a cloud architect, I designed the solution aligning it with both the business requirements and the specific requests of our development team.

Platform for Personalized Nutrition | AWS, Terraform, Python, Apache Airflow, Docker

It was a 10 million EU-funded project that encompassed collaboration with over 20 partners spanning 10 diverse countries. My contributions were related to the collection of requirements, the overall architecture's design, the design of one of the databases, the design of the authentication solution, the design of a synchronization mechanism for different databases and the supervision of a development team.

FULL STACK WEB DEVELOPER | DSTECH S.r.l. | November 2015 – May 2018

As a developer, I worked in the in-house team for internal projects and as a consultant for companies such as Accenture, and Engineering. During this time I successfully developed and delivered

- 3 complete websites (HTML, CSS, JQuery)
- 4 hybrid mobile apps (Ionic Framework, Angular, Apache Cordova)
- 5 SPA (Angular) and 3 backend applications (Spring Framework, Node.js).
- Secure APIs using state-of-the-art standards
- Applications in the cloud leveraging containerization technologies such as docker and AWS IAAS, PAAS, SAAS solutions

SKILLS

CLOUD (AWS) | EC2 • S3 • RDS • Lambda • API Gateway • WAF • CloudFront • ECS • Fargate • Glue • SQS • SNS • Step Functions • EventBridge

PROGRAMMING LANGUAGES | Python • JavaScript • Java • TypeScript

DEVOPS | Docker • Terraform

BACK-END FRAMEWORKS | Spring Framework • Flask • Express.js

DATABASES | MySQL • PostgreSQL • MongoDB • DynamoDB, Redis

SOFT SKILLS | Team player • Team leader • Bias for action • Deliver result

CERTIFICATIONS

AWS Certified Solutions Architect - Professional

Amazon Web Services | Validity: from July 2022 to July 2025

MongoDB SI Architect Certification
MongoDB | August 2023

EDUCATION

M.A., Work and Organizational Psychology | 2013

Sapienza University of Rome

LANGUAGES

ITALIAN: Mother tongue

ENGLISH: Fluent written and spoken

SPANISH: Intermediate

INTERESTS

Traveling • Fitness • Caribbean dances • Hiking