



EXPERIENCE

Cloud System Engineer | AWS Solutions Architect Certified

Archiva Group

JANUARY 2026 – present

- Implementing optimized cloud solutions aligned with business objectives and corporate security guidelines to maximize application performance, uptime, and scalability.
- Managing and monitoring architectural application flows alongside PaaS and SaaS solutions for both current and future cloud implementations.
- Developing and executing migration strategies to transition systems to the cloud while decommissioning legacy on-premise infrastructure and hardware components.
- Serving as a technical mentor and point of reference for the team by fostering knowledge sharing and guiding colleagues in mastering the AWS cloud platform.

Cloud Engineer | DevOps | AWS Solutions Architect Certified

Storm Reply Financial Services IT – Reply S.p.A.

SEPTEMBER 2023 – JANUARY 2026

- Led AWS Landing Zone implementation for Unipol Gruppo S.p.A., delivering security (WAF, Shield, Network Firewall), monitoring (Config, CloudWatch), and networking (Transit Gateway, centralized DNS with Route 53).
- Built and supported multiple SaaS and containerized (EKS) infrastructures for Unipol, focusing on security and networking.
- Engineered a hybrid Azure Entra ID ↔ AWS Managed AD sync solution for a BI Reporting application (EC2-based).
- Delivered a serverless PoC for Unipol Assistance contact center using Amazon Connect, Chime, Lambda, DynamoDB, and API Gateway.
- Supported Generali Italia within the AWS Group Operations Service Platform (GOSP), enhancing service quality and synergies across business units.
- Developed centralized log management and AWS Health-based notification automation across multiple AWS accounts for Generali.
- Designed a Terraform-based service catalog for Unipol, enabling on-demand provisioning of AWS services (EKS, EC2, ECS, VPC, TGW, Route 53, Transfer Family, etc.).
- Implemented Infrastructure as Code pipelines for Unipol, managing both Landing Zone and workload deployments.
- Set up GitLab CI/CD pipelines for infrastructure deployments across multiple environments.
- Managed GitLab CI/CD pipelines for Generali, handling centralized network changes and project streams.
- Worked in a Scrum environment utilizing Jira and Confluence for collaboration and project tracking.
- Implemented Site Reliability Engineering (SRE) practices for Generali Italia, focusing on reliability, observability, and operational excellence.
- Designed and automated Disaster Recovery strategies using AWS Fault Injection Simulator (FIS), aligning with DORA regulatory requirements and ensuring resilient architectures.
- Working on a Landing Zone project for Yard Reaas, delivering IaC and CI/CD with GitHub Actions; focusing on the architectural side while guiding a team on operational tasks.

FRANCESCO PIO BARLETTA

Torino (TO) 
+39 3394215741 
f.barletta14@gmail.com 
linkedin.com/in/ilbarlo 
ilbarlo.cloud 

Cloud & Network Engineer

TOP-IX Consortium

APRIL 2023 – SEPTEMBER 2023

- Completed an internship focused on edge computing, specifically utilizing the FLUIDOS project, which centers around enhancing distributed computing capabilities.
- Extended the Liqo project to facilitate seamless communication and interface creation between FLUIDOS nodes, enhancing interoperability in edge environments.
- Developed the "Flavour Generator" component to efficiently collect capabilities from various nodes, catering to diverse processing needs and optimizing resource allocation.
- Gained hands-on experience with Kubernetes and Docker for container orchestration and management, ensuring scalable and resilient application deployment.
- Developed custom Kubernetes operators and controllers using Golang to automate the management of complex applications, streamlining deployment processes and improving operational efficiency.

Network System Administrator

Collegio Universitario di Torino Renato Einaudi

SEPTEMBER 2022 – SEPTEMBER 2023

- Managed Active Directory and Windows Server environments to maintain user accounts, permissions, and overall system integrity.
- Oversaw network equipment management, including Cisco switches, access points, and routers, ensuring optimal network performance and reliability.
- Configured and maintained Cisco switches to facilitate efficient data flow and improve network security, implementing best practices for VLANs and network segmentation.
- Provided technical support to users for internet services in their rooms, troubleshooting connectivity issues and ensuring a seamless online experience.
- Delivered comprehensive technical and IT support for educational activities and college events, deploying necessary network infrastructure and resolving technical issues promptly.



EDUCATION

Master's degree in computer engineering (Cloud & Computer Networks Path)

Politecnico di Torino

October 2021 – OCTOBER 2023

- **Final Grade:** 110/110

Bachelor's degree in computer and Automation Engineering

Politecnico di Bari

OCTOBER 2018 – JULY 2021

- **Final Grade:** 103/110



SKILLS & CERTIFICATIONS

Certifications: AWS Certified Security – Specialty, AWS Solutions Architect – Associate, MongoDB SI Architect Certification, MongoDB SI Associate Certification

Soft Skills: Agile Project Management, Communication, Time Management, Problem Solving

Programming Skills: Go, JavaScript, Python, NodeJS, familiarity with Rust, Java, C, C++

Technical Skills: AWS, Azure, Network Administration and Security, Docker, Kubernetes, Database & SQL, Web Development (React)

Language Skills: Italian (native), English (fluent)