

ANAMELECHI PHILIP NJOKU

JUNIOR CLOUD ARCHITECT

Via Galeazzo Alessi 142, 00176 Rome | (+39) 3791224530 | philznjoku@gmail.com | 03/05/1999

PROFILE SUMMARY

Cloud security specialist with expertise in hybrid cloud/on-prem architectures and compliance-focused automation. Proven ability to design secure, scalable infrastructure using Infrastructure-as-Code (Terraform/Ansible) and implement enterprise-grade security controls (AWS Network Firewall, KMS, Cloudflare Tunnel). Skilled in optimizing cross-environment connectivity and reducing operational overhead through CI/CD pipelines and system hardening.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (EC2, S3, VPC), Cloudflare (Tunnel, SSL)
- **Infrastructure as Code:** Terraform, AWS CloudFormation
- **Containerization:** Docker, Kubernetes
- **CI/CD Tools:** Jenkins, GitLab, Github Actions
- **Scripting:** Bash, Python
- **Monitoring and Logging:** Prometheus, Grafana, ELK Stack
- **Security:** IAM, encryption, compliance frameworks
- **Operating Systems:** Linux, Windows, MacOS
- **Networking:** Network configuration, administration, and security
- **Development Environments:** Gitpod, Github Codespaces

EDUCATION

Bachelor's Degree in Internet Engineering

University of Rome Tor Vergata,
Database and network design and administration , Networking and Internet Fundamentals , High Performance Electronics, Digital Electronics, Electrical Network Analysis

CERTIFICATION

AWS Certified Solutions Architect – Associate

AWS Certified Cloud Practitioner

WORK EXPERIENCE

Cloud Engineer

Freelance – January 2020 – Present

- Designed and deployed scalable cloud infrastructure using AWS services, ensuring high availability and security.
- Implemented CI/CD pipelines using Jenkins and Docker, automating build, test, and deployment processes.
- Deployed and managed containerized applications using Kubernetes, optimizing resource utilization and scalability.
- Configured and managed Gitpod workspaces to automate development environment setup, improving developer productivity and consistency.
- Conducted root cause analysis for production errors and wrote post-mortem reports.

Customer Service Representative

JN SEA SRL, Rome, Italy – July 2023 – Present

- Greeted and assisted passengers arriving at the airport for their cruise transfers.
- Provided information about transportation options, schedules, and services.
- Handled inquiries and resolved passenger issues promptly and professionally.

Tour Operators Manager

Easy Tour Rome – October 2017 – June 2019

- Designed and organized tour packages.
- Managed relationships with service providers.
- Supervised and trained staff.

ICT Consultant

Cornerstone Business Center – July 2016 – April 2017

- Understood client needs and provided tailored ICT solutions.
- Analyzed existing IT systems to identify improvements.
- Managed ICT projects, ensuring timely and budget-friendly delivery

LANGUAGES

English: Native

Italian: B2

PROJECTS

- **Home Server Hosting with Cloudflare Tunnel:** Engineered a hybrid hosting solution using Apache/XAMPP, bypassing ISP restrictions via Cloudflare Tunnel, automated DNS failover with No-IP and systemd services, achieving 99.9% uptime for static websites. [Github](#).
- **Automated Website Deployment:** Implemented GitHub Actions workflow to sync static site updates from repositories to a Linux home server via SSH, with automated integrity checks and rollback capabilities. [link](#).
- **Hybrid Cloud Networking:** Connected an on-premises to cloud via Terraform/Ansible, leveraging Transit Gateway and Site-to-Site VPN, Implemented AWS Network Firewall rules to block public SSH access, with VPC Flow Logs archived to S3. [Github](#).
- **Gitpod Workspace Setup:** Configured and managed Gitpod workspaces to automate development environment setup, improving developer productivity and consistency.
- **Cruddur Web Application:** Rehosed a web application similar to Twitter, named Cruddur. [Github](#).