

Peter Christian Agbenyega

Oneida, New York, USA

Email: peter.cagbenyega@gmail.com

GitHub: github.com/Peter-Agbenyega

LinkedIn: [linkedin.com/in/peter-christian-agbenyega-910b3028b](https://www.linkedin.com/in/peter-christian-agbenyega-910b3028b)

Portfolio: petercagbenyega.com

Professional Summary

Cloud Security and DevSecOps Engineer with strong experience designing secure and scalable AWS infrastructure using Terraform and infrastructure-as-code practices. Skilled in building automated cloud environments, improving system reliability, and implementing secure cloud architectures.

Experienced in designing modular infrastructure, secure networking environments, and automated deployment workflows. Passionate about combining cloud infrastructure, security automation, and AI-assisted engineering tools to improve operational efficiency and system resilience.

Core Technical Skills

Cloud Platforms

AWS (VPC, EC2, ALB, Auto Scaling, IAM, Route53, RDS)

Infrastructure as Code

Terraform, Modular Infrastructure Design, Infrastructure Automation

DevSecOps

Secure Cloud Architecture, CI/CD Concepts, Infrastructure Security, Cloud Security Best Practices

Containers

Docker

AI-Assisted Engineering

Prompt Engineering, AI Workflow Automation, AI-Assisted Development

Programming & Scripting

Python, Bash

Tools

Git, GitHub, VS Code, Linux

Cloud Architecture Portfolio

ResilientOps AWS Reference Architecture

Designed and implemented a production-style AWS reference architecture using Terraform. Built modular infrastructure including VPC networking, load balancing, autoscaling, and secure infrastructure automation.

ClusterShield360

Designed secure Kubernetes infrastructure architecture using Terraform modules and AWS networking services to support scalable containerized workloads.

CloudShield360

Developed a secure AWS landing zone architecture implementing VPC networking, IAM security controls, and infrastructure-as-code automation.

MultiZoneX360

Designed high-availability cloud infrastructure across multiple availability zones to support resilient and fault-tolerant cloud systems.

DockOps360

Built container-based application environment demonstrating Docker deployment and DevOps workflow concepts.

GitHub Portfolio

github.com/Peter-Agbenyega

Professional Experience

Upstate Caring Partners

Senior Direct Support Professional

New York, United States

Provide daily support services while maintaining safety, dignity, and compliance with care standards. Assist individuals with daily living activities, monitor health conditions, and document care activities following organizational guidelines.

Work closely with multidisciplinary teams to ensure quality support services while maintaining strong attention to safety, communication, and documentation.

Continue developing cloud engineering expertise through certifications, hands-on infrastructure projects, and DevSecOps portfolio development.

Certifications

AWS Certified Security – Specialty (SCS-C02)

Amazon Web Services

AWS Certified Solutions Architect – Professional (SAP-C02)

Amazon Web Services

AWS Certified Solutions Architect – Associate (SAA-C03)

Amazon Web Services

Education

Bachelor of Education in Mathematics

University of Education, Ghana

AI-Assisted Engineering & Automation

Use AI-assisted tools to design and automate workflows that support cloud infrastructure operations, monitoring, and data processing. Build automation processes that reduce manual work and improve engineering efficiency.

Integrate multiple AI tools and models to support DevSecOps and ecommerce environments. Apply prompt engineering and workflow design techniques to guide AI systems and improve outputs through continuous refinement.

Additional Skills

Cloud infrastructure design

Infrastructure automation

Secure networking architecture

Problem solving and system troubleshooting

Technical documentation and architecture design

Languages

English (Professional)