



CARLOS ALEJANDRO RODRIGUEZ

New York, NY | (347)-849-3961 | rodrigocarlos63@gmail.com

[linkedin.com/in/carlosalejandrordriguez](https://www.linkedin.com/in/carlosalejandrordriguez) | github.com/Chromium99

CERTIFICATIONS

AWS Certified Cloud Practitioner – Amazon Web Services (CLF-C02)

AWS Certified AI Practitioner – Amazon Web Services (AIF-C01)

AWS Solutions Architect Associate (SAA-C03) – *Pursuing (Oct 2026)*

CompTIA Security+ – *Scheduled (Early 2027)*

PROFESSIONAL SUMMARY

IT professional with 3+ years of experience at Hospital for Special Surgery (HSS), pivoting into cloud engineering with enterprise monitoring, incident management, and hands-on AWS deployment experience across EC2, S3, IAM, CloudFront, and Route 53. Proven ability to perform rapid root-cause analysis, reduce MTTR, and bridge communication between network, security, and development teams. Adept in Linux/Windows, security fundamentals, and automation scripting. Seeking Cloud Support, Systems Administration, or Infrastructure Engineer roles where I can leverage operational expertise to design resilient cloud systems.

TECHNICAL SKILLS

Cloud & IaC: AWS (EC2, S3, IAM, VPC, Route 53, CloudFront, Auto Scaling, ACM), Terraform, GitHub Actions (CI/CD)

Systems & Security: Linux (RHEL/Ubuntu), Windows Server, TCP/IP, DNS, Load Balancing, Python, SQL, Bash, Java, C++, IAM Least Privilege, MFA, Threat Detection

PROFESSIONAL EXPERIENCE

DYOPATH – NOC Operator

New York, NY | February 2023 – Present

- Proactively monitor enterprise network and hybrid-cloud infrastructure, performing deep-dive initial root-cause analysis on service-impacting alerts to expedite resolution and reduce overall Mean-Time-To-Resolution (MTTR).
- Orchestrate the full incident lifecycle within Cherwell, including advanced triage, technical troubleshooting, priority classification, and real-time stakeholder communication, consistently maintaining 99.9% SLA compliance.
- Act as a critical bridge between Network, Security, and Development teams during major service disruptions, translating complex technical issues into actionable insights for senior engineers.
- Authored and maintained comprehensive technical runbooks, knowledge-base articles, and post-incident reports, enabling faster triage of recurring infrastructure alerts.
- Continuously monitor for security anomalies—including unauthorized access attempts and abnormal traffic patterns—and escalate verified threats to the security operations team, contributing to a more resilient security posture.

PROJECTS

AWS Cloud Infrastructure Project – S3, CloudFront, Route 53, ACM, IAM

- Architected and deployed a secure, highly available static website using Amazon S3 for storage, CloudFront for global CDN acceleration, and Route 53 for custom DNS management.
- Configured end-to-end HTTPS encryption via AWS Certificate Manager (ACM) and enforced least-privilege IAM policies to restrict access strictly to required services.
- *Next iteration:* Rebuilding this entire deployment using Terraform to automate provisioning and enable version-controlled, repeatable infrastructure rollouts.

Planterbox – Senior Capstone Project (Mobile Application)

- Served as Project Lead for an AI/ML-driven mobile application designed for plant identification and disease detection.
- Managed the full Agile development lifecycle, coordinating cross-functional team efforts from requirements gathering to final delivery, while integrating foundational machine-learning models into a production-ready prototype.

EDUCATION

The Grove School of Engineering, CUNY City College – New York, NY

B.S. Computer Science, May 2026