

Omar Atabany

Presales Systems Engineer | Networking & Security Solutions

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Dubai, UAE

SUMMARY

Presales / Solutions Engineer with hands-on delivery depth across Cisco, Aruba/HPE, Fortinet, Dell, Kaspersky, and VMware, leading technical discovery, sizing, and solution design at iNetwork Solutions, including deal registration and multi-tier single- and mixed-vendor proposals. Every proposal is backed by infrastructure I build and run myself: a 3-node Talos Kubernetes cluster, Terraform/Ansible automation, AWS serverless pipelines, and a self-hosted Wazuh + Shuffle SOAR stack, so architecture decisions are grounded in what actually runs in production, not just datasheets.

SKILLS

Presales & Vendor Solutions: Cisco, Aruba / HPE, Fortinet, Dell, Kaspersky, VMware, Deal registration, Solution architecture

Infrastructure & IaC: Terraform, Ansible, Docker, Docker Compose, Kubernetes, Talos OS, Helm, Argo CD, GitOps CI/CD & delivery: GitHub Actions, Git, YAML, Makefile, Pipeline design, OIDC federation, Lint / validate in CI

Observability: Prometheus, Grafana, Node Exporter, cAdvisor, Uptime Kuma, Loki, CloudWatch, Metrics-as-signal

Networking & Security: UniFi, VLAN, Cloudflare Tunnel, Zero Trust, Wazuh, Splunk, pfSense, Tailscale

Cloud & Linux: AWS, API Gateway, Lambda, S3, IAM, Cloudflare, Proxmox, VMware VCF, Linux, Unraid

Automation & code: Python, Bash, JavaScript, REST APIs, Cloudflare Workers, boto3

EXPERIENCE

Fabricode - Founder & Technical Lead

2026 – Present · Dubai, UAE

- Own technical and operational outcomes: uptime, throughput, and client SLAs in a production environment
- Translate vague requirements into specs, timelines, and measurable acceptance (same muscle as ticket -> deployable work)
- Design parametric parts in OpenSCAD; manage FDM/SLA/laser workflows end-to-end
- Build and maintain equipment; tune firmware hands-on reliability, not only desk work

iNetwork Solutions - Cybersecurity & DevOps Engineer, Pre-Sales, Infrastructure Architecture & Implementation

Oct 2025 – Present · Hybrid, Cairo

- Lead technical pre-sales: discovery, sizing, and solution design for enterprise networking and security
- Produce architectures and documentation that implementation teams can actually deploy and run
- Work across Cisco, Aruba/HPE, Fortinet, Dell, Kaspersky, and VMware stacks comfortable with complex, regulated environments
- Map vendor capabilities to customer constraints: capacity, compliance, change windows, and operational maturity
- Own implementation and ongoing maintenance of deployed client infrastructure, not just the proposal
- Deal registration and multi-tier pricing/tech-debt solution design across single-vendor and mixed-vendor proposals (Dell, Fortinet)

iNetwork Solutions - Cybersecurity, DevOps & AI Analyst

Apr 2025 – Sep 2025 · Hybrid, Cairo

- Monitored and triaged security telemetry across client environments; supported threat detection workflows
- Applied DevOps practices to internal security operations tooling and automation
- Explored AI-assisted approaches to log triage and pattern detection

PRECISE 3D HUB - R&D & Material Engineer (FDM)

Feb 2025 – Mar 2025 · Dubai, UAE

- Created optimized G-code and material profiles for pellet-fed and clay-extrusion 3D printers

- Built internal automation workflows using Docker, Unraid, and Tailscale to support production and remote-access operations
- Developed experimental monitoring workflows to improve production visibility and maintenance planning

PRECISE 3D HUB - Sales & Technical Engineer

Aug 2024 – Jan 2025 · Dubai, UAE

- Handled client-facing technical sales: quoting, capability demos, and order scoping for commercial print runs
- Coordinated technical requirements between clients and production for custom fabrication orders

PRECISE 3D HUB - 3D Printing Technician

May 2024 – Jul 2024 · Dubai, UAE

- Operated and maintained a fleet of FDM and SLA printers for commercial production runs
- Handled client CAD-to-print workflows and post-processing (sanding, painting, coating)

TechZone - Technical Support Specialist

2021 – 2022 · Dubai, UAE

- Worked on front end development and internal systems management

KEY PROJECTS

PacketFence + Aruba NAC Deployment | iNetwork Solutions

Production NAC deployment: PacketFence brokers RADIUS/802.1X authentication in front of Aruba wireless infrastructure, with AD/NPS and FreeRADIUS backends and dynamic per-role VLAN assignment.

Security Observability & SOAR Stack | iNetwork Solutions

Self-hosted security-observability stack: Wazuh SIEM correlated with FortiGate/Aruba/PacketFence telemetry via Prometheus/Loki/Grafana, plus a Shuffle SOAR playbook with a manual-approval gate.

AWS Cloud Infrastructure Platform

Terraform-managed AWS account (GitHub Actions + OIDC, zero static credentials): serverless ingestion pipeline and an uptime/status-monitor pipeline, with an account-wide security baseline.

Homelab Kubernetes Talos Cluster

3-node Talos Linux Kubernetes cluster, fully GitOps-driven by Argo CD, with kube-prometheus-stack observability and real internal workloads.

Full technical detail, architecture diagrams, and live infrastructure metrics are at atabany.net.