

Muhammad Osama Amin

Applied AI & Cloud Platform Engineer · Technology Founder

LinkedIn: <https://www.linkedin.com/in/muhammad-osama-amin/>

GitHub: <https://github.com/Vmnebula>

Portfolio: <https://vmnebula.github.io/osama-amin-portfolio/>

PROFILE

Hands-on engineer and technology founder building cloud infrastructure, AI workflows, and business software. Independent technical delivery since 2020 for clients across the Gulf, UK, US, Pakistan, and other international markets. Work spans architecture, deployment, full-stack delivery, and ongoing operations.

EXPERIENCE

VM Nebula & NayaCloud — Founder & Engineering

Built cloud infrastructure and applied AI products; scoped technical engagements and led engineering delivery. Work includes isolated cloud runtimes, deployment automation, cost instrumentation, cloud re-platforming, and local-language voice-to-ledger systems.

Amin Technologies — Cloud Operations Lead, 2023-2025

Led architecture, implementation, and support for enterprise and small-business cloud environments. Delivered Azure Virtual Desktop, identity integration, networking, backup systems, and Windows remote desktop infrastructure.

Independent Cloud & Infrastructure Consultant — Since 2020

Hands-on delivery across Azure, AWS, Google Cloud, Linux, and Windows Server. Client work includes virtual desktops, VPN and firewall policy, production hosting, backup and disaster recovery, infrastructure as code, and cost optimisation.

Human Development & Peace Organization — IT & Digital Leadership

Led IT systems, tooling, vendor selection, and digital transformation initiatives alongside technical consulting.

SELECTED PRODUCTS

- VM Nebula: dedicated cloud environments for AI agents and small software, with isolated runtimes, persistent workspaces, and usage controls.
- Sarkit: voice-first, WhatsApp-native retail software using local-language speech and invoice processing to create structured records.
- Bulk AI Studio: published Google Workspace Marketplace app for translation, classification, extraction, and web-grounded enrichment in Google Sheets.
- Substacker: open-source AI cost attribution with usage reporting, budget controls, and anomaly detection.
- NebulaSEO: AI engineering workflows combining search analytics, site audits, and reviewable code changes.

TECHNICAL PRACTICE

- Cloud & operations: Azure, AWS, Google Cloud, Docker, Terraform, Ansible, CI/CD, Linux, Windows Server, networking, and FinOps.
- Applied AI: LLM orchestration, structured output, function calling, retrieval workflows, Vertex AI, and voice-to-data pipelines.
- Engineering: Python, Node.js, TypeScript, React, FastAPI, Laravel, PostgreSQL, MySQL, Redis, and REST APIs.

RECOGNITION & EDUCATION

- Business shortlisted among the Top 30 finalists of the 13th Wafi Tameer Awards 2026, confirmed in awards-team correspondence. Finalist, not winner.
- NIC Peshawar incubation and Orbit programme participation, including Demo Day in October 2025.
- BBC Pashto coverage of cloud and technology work: <https://www.youtube.com/watch?v=TggCy1vVewI>
- University of Engineering & Technology, Peshawar — Class of 2023.
- Aviatrix Certified Network Engineer; DS4KP Data Science & Machine Learning.

Public résumé · Updated October 2026