

JOSEPH OLUTIMEHIN

CLOUD ENGINEER | GOOGLE CLOUD CERTIFIED

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PROFESSIONAL SUMMARY

Google Cloud Certified Associate Cloud Engineer with 4+ years of experience in blockchain security, backend development, and incident response, complemented by hands-on cloud infrastructure engineering on Google Cloud. Cloud experience includes Compute Engine, Cloud Run, GKE, VPC, IAM, Cloud Storage, Cloud SQL, Pub/Sub, Cloud Monitoring, and Cloud Logging. Automates infrastructure and delivery with Terraform, Cloud Build CI/CD, Docker, Kubernetes, Linux, Bash, gcloud CLI, YAML, and GitHub Actions, bringing a security-first approach to reliable cloud operations.

CERTIFICATION

Google Cloud Associate Cloud Engineer | Google Cloud

Issued Jul 27, 2026 | Expires Jul 27, 2029 | Certification ID: 0e97354c793b4d6ea3186b77d3674f48 | [Verify credential](#)

TECHNICAL SKILLS

Cloud Platforms: Google Cloud Platform (GCP), Compute Engine, Cloud Run Services and Worker Pools, GKE, Cloud Storage, Artifact Registry, Cloud SQL, Pub/Sub, Cloud Build, Cloud Armor, Cloud CDN, Cloud Monitoring, Cloud Logging, Secret Manager, IAM, VPC

IaC, CI/CD & Automation: Terraform, Cloud Build, GitHub Actions, Docker, Kubernetes, Linux, Bash scripting, gcloud CLI, YAML, approval-gated CI/CD, immutable releases, smoke testing

Languages & Runtime: TypeScript, JavaScript (Node.js), Python, Solidity, Bash, npm

Networking: VPC design, subnetting, firewall rules, ingress and egress policy, DNS, Cloud NAT, global HTTPS load balancing, serverless NEG, TLS and certificate management

Security: IAM least privilege, service accounts, Workload Identity, OIDC service authentication, Secret Manager, network segmentation, threat modeling, static analysis, secure SDLC

Data & Messaging: Cloud Storage (GCS), Cloud SQL, Pub/Sub, Redis, NDJSON

Observability: Cloud Monitoring, Cloud Logging, structured logging, uptime checks, p99 latency, SLO and alerting design, Pub/Sub backlog and dead-letter monitoring

Web & Backend: Express, NestJS, Next.js, React, Nodemailer, REST APIs

SELECTED CLOUD PROJECTS

Stablecoin Whale Monitor v3 | Event-Driven Google Cloud Platform | [GitHub](#) | [Live site](#)

- Designed and deployed a Terraform-managed GCP platform that indexes confirmed Ethereum mainnet USDC and USDT transfers into immutable NDJSON objects in private Cloud Storage, using generation-guarded checkpoints for idempotent crash recovery.
- Containerized the Node.js indexer, Express API, and Nodemailer alerter with Docker; ran continuous processing on a Cloud Run Worker Pool and least-privilege Cloud Run services with Pub/Sub OIDC push, Secret Manager, lifecycle retention, retries, and dead-letter handling.
- Served a statically exported Next.js and React dashboard from a private GCS origin through a global HTTPS load balancer, Cloud CDN, and Cloud Armor; routed `/api/*` to Cloud Run through a serverless NEG.
- Built approval-gated Cloud Build CI/CD with tests, typechecking, Terraform validation, immutable Artifact Registry digests, release-tag deployment, and smoke tests; added Cloud Monitoring and Logging alerts for uptime, p99 latency, degraded health, Pub/Sub backlog, dead-letter depth, and indexer liveness.

PROFESSIONAL EXPERIENCE

Blockchain Security Engineer | Coinbase | Feb 2025 - Jun 2026

- Led smart contract security reviews for the Base-Solana Bridge, x402 payment protocol, Base Azul network upgrade, and numerous other Coinbase core projects, assessing smart contract vulnerabilities, trust boundaries, cross-chain security failures, upgradeability issues, and integration and rollout risks.
- Conducted 20+ ecosystem security reviews for protocols integrating with Base, defining remediation requirements and release gates before integration or launch.
- Built and maintained internal AI-powered smart contract auditing tooling used across the security organization to support repeatable review workflows.
- Served on call for security incident response, triaging live security incidents and coordinating resolution across engineering and security teams.

Smart Contract Security Researcher (Independent) | Jan 2023 - Jan 2025

Code4rena, Cantina, Sherlock, Immunefi, Codehawks, QuillAudits

- Completed 30+ smart contract security reviews, identifying 50 High- and Medium-severity vulnerabilities validated and accepted by protocol teams.
- Reviewed a broad mix of DeFi and interoperability protocols, including AMMs, lending markets, stablecoins, vaults, bridges, and omnichain infrastructure, applying threat modeling and secure-SDLC analysis.

Developer Advocate (Contract) | INTMAX | Oct 2023 - Mar 2024

- Contributed to zero-knowledge developer documentation for a ZK rollout, covering protocol concepts, integration guides, and onboarding material for external teams building on the network.
- Drove protocol education and developer onboarding through technical presentations at Google DevFest Lagos and Africa Tech Summit in Nairobi.

Blockchain Developer (Contract) | Astra Metaverse | Sep 2022 - Jan 2023

- Designed and deployed ERC-1155 token contracts for a marketplace platform.
- Built supporting Node.js and TypeScript APIs, integrating backend services with deployed contracts through Ethers.js and Wagmi.

Blockchain Developer (Contract) | Collect Waves | May 2022 - Sep 2022

- Built NFT and marketplace contracts with ERC-20 token integration and supporting API services.
- Delivered the full application stack around the contracts: a frontend connected to on-chain state and Node.js/TypeScript REST APIs for off-chain data.

PUBLICATIONS & SPEAKING

Stablecoin Whale Monitor: [Building and Deploying a Blockchain Indexer on Google Cloud](#)

Stablecoin Whale Monitor: [From Two VMs to Cloud Run: Evolving My Blockchain Indexer on Google Cloud](#)

Stablecoin Whale Monitor: [From Cloud Run Experiment to Terraform-Managed Platform: Productionizing My Blockchain Indexer on Google Cloud](#)

DeFi Security Summit 2025: Speaker representing the Coinbase Security team

EDUCATION

B.Sc. Mathematics | Federal University of Agriculture, Abeokuta, Nigeria | 2018 - 2022