

AIDEN RHAA

Cloud Platform & Reliability Engineer | AWS Infrastructure | Terraform | DevSecOps

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Portfolio: <https://manynames3.github.io/cloudresume/> | GitHub: <https://github.com/manynames3>

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PROFESSIONAL SUMMARY

Cloud platform and reliability engineer who turns operational and customer requirements into secure, reviewable AWS systems. Builds Terraform-managed serverless, container, and Kubernetes platforms with CI/CD, least-privilege IAM, observability, policy gates, cost controls, tests, runbooks, and documented teardown. Brings 15+ years of workflow ownership and client delivery, including 200+ completed client projects, to create reliable handoffs and systems other operators can trust.

PREVIOUSLY EARNED CREDENTIALS

Previously earned credentials (not currently active): AWS Certified Solutions Architect - Associate; AWS Certified Developer - Associate; HashiCorp Certified: Terraform Associate.

TECHNICAL SKILLS

AWS: VPC, IAM, ECS Fargate, EKS, Lambda, API Gateway, Step Functions, S3, SQS, DynamoDB, RDS PostgreSQL, RDS Proxy, Bedrock, Cognito, CloudFront, WAF, ALB, ECR, EventBridge, Transcribe, CloudWatch, CloudTrail, Secrets Manager, SSM

Infrastructure & delivery: Terraform, CloudFormation exposure, GitHub Actions, OIDC, Docker, Helm, ArgoCD, Checkov, TFLint, policy gates, CI/CD, runbooks, ADRs, documented teardown

Containers & operations: Kubernetes, ECS Fargate, Amazon EKS, IRSA, External Secrets, Prometheus, Grafana, OpenTelemetry, alarms, audit logging, incident and recovery workflows

Programming & customer systems: Python, TypeScript, FastAPI, PostgreSQL, SQL, REST APIs, CRM/API automation, webhooks, voice AI guardrails, asynchronous transcription, human review workflows

SELECTED CLOUD PLATFORM ENGINEERING

Clearpath - AWS Fargate Workflow API | Independent reference system

Repository: <https://github.com/manynames3/clearpath-fargate-api>

- During a short-lived May 2026 AWS validation run, deployed a Terraform-managed ECS Fargate stack with two healthy tasks, healthy API and webhook target groups, private RDS PostgreSQL through RDS Proxy, CloudFront /health behind WAF, and visible CloudWatch alarms.
- Latest local validation recorded 36 passing FastAPI tests and 339 passing Terraform Checkov checks (0 failed, 44 skipped); after evidence capture, Terraform destroy removed 93 managed resources to avoid idle cost.
- Translated lead-intelligence operations into REST APIs, GHSL-compatible webhook intake, source ROI and funnel analytics, county resolution, dashboard workflows, and documented runbooks.

TerraGate - Terraform PR Risk Gate | Live constrained demo

Repository: <https://github.com/manynames3/terragate>

- Built deterministic Python security, cost, reliability, and governance checks with sensitive-value redaction, audit records, evidence-linked remediation, and human approval gates.
- Public demo keeps external writes mocked and Terraform execution disabled, making the boundary inspectable without implying infrastructure mutation.

InspectIQ - Automotive Inspection Review | Live AWS-backed, read-only walkthrough

Repository: <https://github.com/manynames3/inspectiq>

- Built a vehicle-photo inspection workflow with private S3, queued Bedrock analysis, app-level Cognito JWT/RBAC, deterministic grading, audit records, and human reviewer accept, reject, and edit gates.
- The public walkthrough is read-only; evidence does not claim API Gateway authorizer enforcement or production model accuracy from the local deterministic evaluation harness.

Pulpit V2 - EKS / GitOps Platform | Validated and torn down

Repository: <https://github.com/manynames3/pulpit-v2>

- Validated reusable Terraform, ECR, Helm, ArgoCD, tenant namespaces, External Secrets/SSM, Prometheus, Grafana, ALB ingress, runtime captures, and teardown artifacts.

PROFESSIONAL EXPERIENCE

Founder / Automation & Systems Lead - Clearpath Property Group / Boston Probate Solutions | Dec 2016 - Present | Atlanta Metropolitan Area

- Own customer-engagement and operations workflows spanning lead intake, CRM integration, seller communication, public-record research, market data, and technical automation.
- Developed Python ingestion pipelines and webhook-driven CRM/API workflows for normalized county records, structured handoff, intent capture, transcript summaries, and voice AI guardrails.
- Translated operating requirements into the public Clearpath reference system with architecture, tests, AWS validation artifacts, runbooks, limitations, and teardown evidence.

Creative Director / Operations - Aiden Rhaa Photography / Visual Impact Studios | Oct 2010 - Present | Atlanta Metropolitan Area

- Delivered 200+ client projects across 15+ years while coordinating contractors, vendors, budgets, timelines, technical execution, and high-touch client communication.
- Managed client-facing web properties and deployment workflows across DNS, SSL/TLS, Cloudflare, hosting platforms, GitHub deployments, cPanel, SFTP/SSH, WordPress, Supabase, and Netlify.

Multimedia Producer / Technical Workflow Lead - ProMedia Productions | May 2009 - Dec 2016 | Boston, MA

- Managed technical production workflows for corporate, education, and small-business media projects, coordinating recording, post-production, delivery, and client handoff.
- Automated repetitive media-file processes and designed custom recording-studio configurations through structured workflow design and tooling.

ADDITIONAL PUBLIC SYSTEMS

Super Transcriber | Serverless audio and voice workflow

Repository: <https://github.com/manynames3/super-transcriber-api>

- Built a cost-first event-driven transcription path with authenticated intake, queued workers, Amazon Transcribe events, webhook delivery, OpenAPI, an SDK, infrastructure as code, and explicit operating limits.

AegisDesk | Cloud operations control plane

Repository: <https://github.com/manynames3/aegisdesk-cloudops-control-plane>

- Standardized incident triage, access, governance, and cost-review workflows with role-aware decisions, request replay, answer provenance, redaction, audit trails, throttling, and documented AWS deployment paths.

Pulpit | Governed serverless conversational search

Repository: <https://github.com/manynames3/pulpit>

- Built cited Korean-English retrieval with Bedrock, Lambda, API Gateway, Cognito, DynamoDB, private storage, guardrails, audit records, Terraform, and GitHub Actions.

PhotoScribe AI | Governed serverless media search

Repository: <https://github.com/manynames3/photoscribe-ai>

- Built private media intake and search with policy and audit records, Bedrock-assisted indexing, queued failure handling, Cognito, DynamoDB, CloudWatch alarms, Terraform, and documented cost boundaries.

DocuFlow OCR | Serverless document-processing workflow

Repository: <https://github.com/manynames3/docuflow-ocr>

- Orchestrated presigned S3 intake, Step Functions, Textract, Python Lambda parsing and scoring, DynamoDB job and audit records, SQS dead-letter handling, human review, alarms, and Terraform.

FaceID | Private event gallery with serverless face matching

Repository: <https://github.com/manynames3/faceid>

- Built a Cognito-protected gallery with private S3, Rekognition, DynamoDB, Terraform, consent-attested guest intake, owner-scoped delete flows, and human review gates.

EDUCATION

Berklee College of Music | Music / Songwriting | 2008 - 2011

Saint Louis University | Engineering Physics | 2006 - 2008