

Nirjar Goswami

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Personal Profile

BCA graduate from CHARUSAT targeting Cloud and DevOps roles. Built projects around IAM, CI/CD, and container security using Docker, Kubernetes, Helm, and ArgoCD. Automated pipelines with GitHub Actions, provisioned infra with Terraform, and enforced supply chain security with Trivy, Cosign, and Kyverno - all on AWS (ECR, IAM, EC2, VPC) with a focus on least-privilege access and observable systems.

Technical Skills

Cloud & AWS: EC2, IAM, S3, VPC, Lambda, CloudWatch, CloudTrail, DynamoDB, ElastiCache, SNS, SQS, Systems Manager
DevOps: Linux, Terraform, Docker, Kubernetes, ArgoCD, Helm, Trivy, Prometheus, Grafana, OpenTelemetry, GitHub Actions
Languages: Go, Python, TypeScript, Bash, SQL, HCL

Experience

AWS Infrastructure Engineering

January 2026 – Present

Self-Directed Training | AWS Skill Builder

Remote

- Configured IAM with **least-privilege separation** between admin and operational access across users, groups, and roles; set up CloudWatch dashboards and CPU alarms at **80%** threshold.
- Provisioned EC2 with key-based auth; audited billing, identified **3 cost drivers**, and applied right-sizing across instances.
- Designed a **multi-tier VPC** with public/private subnets, NAT gateway, VPC peering, security groups.

Projects

AegisMesh - IAM [↗](#) | *React 19, Node.js, PostgreSQL, Docker, Kubernetes, ArgoCD, AWS, Terraform, Grafana*

- IAM policy engine with **deny-first evaluation**, role inheritance, and simulation; auth covers TOTP MFA, OAuth 2.0, JWT refresh rotation, and step-up auth for sensitive actions.
- GitOps** via GitHub Actions + **ArgoCD** - CI builds and pushes multi-stage **Docker** images to **AWS ECR** on merge; CD patches **Kustomize** overlays with resolved tags and commits to deploy branch; ArgoCD syncs the cluster.
- Init containers wait for Postgres and run **Prisma** migrations before app start; **SealedSecrets** encrypt credentials in Git; smoke test failure auto-reverts bad deploys.
- Prometheus + Grafana** monitor auth, latency, and error rate; **Terraform** provisions EC2 and ECR as IaC; **Falco** handles runtime threat detection.

HookDrop - Mock Webhook Receiver [↗](#) | *Go, Kubernetes, Helm, Argo CD, Cosign, AWS ECR, GitHub Actions*

- Webhook capture service in Go - accepts any POST to a bucket URL, stores last 50 events in-memory, and streams arrivals live via SSE with trace ID logging.
- GitOps** pipeline - GitHub Actions runs **Trivy** scans, signs images with **Cosign** OIDC, pushes to **AWS ECR**, and bumps Helm values so ArgoCD syncs automatically. Renovate handles dependency PRs.
- Hardened runtime - non-root UID, read-only filesystem, dropped capabilities. **Kyverno** blocks latest tags, missing resource limits, and unsigned images at admission. **OpenTelemetry** traces, **Prometheus** metrics, and **Loki** logs feed Grafana with **Alertmanager** on top.

DeployLens [↗](#) | *TypeScript, AWS CodeDeploy, GitHub Actions, PostgreSQL, Prisma, Socket.io*

- Correlated GitHub Actions and **AWS CodeDeploy** events via commit SHA into a unified pipeline view; live status streamed via **Socket.io**.
- Ingested events via webhooks across 2 providers with polling fallback; normalized into 4 deployment states across environments.
- Secured with CSRF, webhook signature validation, and **AES-256-GCM** encrypted storage - no plaintext secrets at rest.

Education

Charotar University of Science and Technology (CHARUSAT)

Bachelor of Computer Applications | CGPA: 8.9

Changa, Gujarat

2023 – 2026

Gujarat Law Society (GLS)

Master of Science (Cyber Security)

Ahmedabad, Gujarat

2026 – 2028

Certifications

AWS Cloud Practitioner Essentials [↗](#)

AWS Cloud Quest: Cloud Practitioner [↗](#)