

Nirjar Goswami

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Personal Profile

BCA graduate from CHARUSAT (CGPA 8.61), targeting Cloud and DevOps roles. Built projects around IAM policy, CI/CD visibility, and secure credential storage. Containerized with Docker, deployed to local Kubernetes, and automated builds with Jenkins. Worked with AWS infrastructure - EC2, VPC, IAM, and CloudWatch with focus on secure, least-privilege deployments.

Technical Skills

Cloud & AWS: EC2, IAM, S3, VPC, Lambda, CloudWatch, CloudTrail, DynamoDB, Redis, SNS, SQS, ELB, Auto Scaling

DevOps: Linux, Docker, Kubernetes, Grafana, Prometheus, Nginx, Git/GitHub, GitLab, GitHub Actions

Programming & Databases: Python, Go, JavaScript/TypeScript, C/C++, Java, Bash, SQL, PostgreSQL, MySQL, Prisma, SQLite

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, applied right-sizing on personal account instances.
- Designed a multi-tier VPC with public/private subnets, NAT gateway, VPC peering, security groups.

Projects

AegisMesh – IAM Platform [🔗](#) | *Node.js, React 19, PostgreSQL, Prisma, Docker, Kubernetes, Jenkins*

2025-2026

- Built an IAM-style policy engine with deny-first evaluation, role inheritance, and policy simulation.
- JWT refresh rotation, TOTP MFA, OAuth 2.0, account lockout, and step-up auth for sensitive actions.
- API keys with bcrypt-hashed storage and scope enforcement; audit logging with SSE and brute-force detection.
- Containerized with Docker (multi-stage builds, Compose); deployed on local Kubernetes with Kustomize. Integrated Jenkins pipeline with parallel install/test/build stages and credentials binding.

DeployLens – CI/CD Dashboard [🔗](#) | *TypeScript, CodeDeploy, GitHub Actions, PostgreSQL, Prisma*

2026

- Joined GitHub Actions and CodeDeploy events by commit SHA into a unified pipeline view with real-time status via Socket.io.
- Ingested deployment events via webhooks and polling fallback; computed unified deployment status across environments.
- Secured with CSRF, webhook signature validation, and AES-256-GCM encrypted credential storage.

VaultLock – Password Manager [🔗](#) | *Python, PyQt6, SQLite, Argon2id, AES-256, SAST*

2025

- Zero-knowledge offline vault; Argon2id + AES-256-GCM encryption, master password never stored, credentials encrypted at write-time with per-user salt.
- Brute-force protection with multi-user isolation, clipboard auto-clear, and lockout after failed attempts.
- Logo fetching with multi-source fallback (Clearbit → Google → DuckDuckGo), magic byte validation, and background worker threads to prevent UI blocking.

Education

Charotar University of Science and Technology (CHARUSAT)

Changa, Gujarat

Bachelor of Computer Applications (BCA)

2023 - 2026

Certifications

AWS Cloud Practitioner Essentials [🔗](#)

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

Technical Writing

AegisMesh – Documented IAM design patterns (deny-first evaluation, step-up auth, session revocation) [🔗](#)

VaultLock – Documented logo fetching patterns (multi-source fallback, magic byte validation, atomic caching) [🔗](#)