

Het Jasani

Summary

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DevOps-focused software engineer currently interning on a production healthtech platform running on Azure Kubernetes Service, where I own five microservices shipped through Azure DevOps CI pipelines and ArgoCD GitOps deployments. Provisions AWS infrastructure as code with Terraform and works hands-on with Docker, Kubernetes, and Linux, backed by a strong backend foundation in Go and TypeScript.

Experience

Jul 2026 – Present **Software Engineer Intern**, *Bajaj Finserv Health Limited*, Pune

Tech: TypeScript, NestJS, Kafka, Azure Kubernetes Service (AKS), ArgoCD, Azure DevOps, Azure Blob Storage

- Own 5 production microservices (health-vault, PHR, HRX-utilities, BFL-Integration, doc-storage) on AKS, shipped via Azure DevOps pipelines with ArgoCD syncing from a central GitOps infra repo.
- Drove CI/CD pipeline optimization across 2 squads and 11+ services, cutting deployment time from 25 to 9 minutes (64% faster).
- Run doc-storage, a high-traffic hybrid storage service (159k+ requests/hour, 258 TB) storing files on Azure Blob Storage, on-prem servers, or both, kept consistent via periodic sync and nightly cron sync jobs.
- Implemented a hot-to-cold storage tiering strategy that moves documents not accessed in 180 days from the Hot to the Cold tier of Azure Blob Storage, cutting monthly storage costs by 30%.
- Led DPDP Act compliance for the PHR and Vytals services, including authoring production database migration scripts for regulated health data.
- Led decommissioning of the BFL-Integration API: migrated 6 endpoints to HRX-utilities and retired 34 unused endpoints, shrinking the exposed API surface.

Sep 2023 – Nov 2023 **Web Developer Intern**, *California Media*, Dubai, UAE - (Remote)

Tech: Express.js, MongoDB, Redis, RabbitMQ, Angular

- Developed backend services and APIs for client-funded web applications using Redis caching and RabbitMQ messaging, plus Angular frontends.

Projects

May 2026 **AWS Infrastructure Automation Platform**, [GitHub](#)

Tech: Terraform, AWS (VPC, EC2, ALB, ElastiCache, DocumentDB, MSK), Docker Compose, Kafka

- Provisioned the full AWS stack for a microservices application with modular Terraform: a VPC spanning 2 availability zones with public/private subnets and a NAT gateway, an Application Load Balancer, and EC2 compute.
- Codified ElastiCache Redis, an Amazon DocumentDB cluster, and a 2-broker Amazon MSK (Kafka) cluster as Terraform modules in private subnets, with chained security groups exposing backend ports only to the frontend tier.
- Containerized a React frontend and 3 Express microservices (auth, quotation, tender) with Docker Compose, using Kafka for async events and Redis for caching.

Jan 2025 – May 2025 **Servy**, [GitHub](#)

Tech: Golang, Linux, systemd

- Built an open-source infrastructure tool in Go for reverse proxying, static site serving, and load balancing across multiple backend servers, driven by declarative YAML configuration.
- Integrated systemd service management for production deployment and automatic startup on Ubuntu servers.

Oct 2025 – Feb 2026 **Incident Management System**, [GitHub](#)

Tech: Node.js, PostgreSQL, MongoDB, Redis, InfluxDB, Socket.io, Docker

- Built a containerized incident management platform that ingests and processes 10,000+ failure signals/sec through a high-throughput UDP ingestion engine.
- Used Redis to debounce duplicate failure signals, InfluxDB for time-series health monitoring, PostgreSQL as source of truth, and MongoDB as an immutable audit log.

Oct 2025 – Feb 2026 **TenderFlow**, [GitHub](#)

Tech: TypeScript, React, Express.js, MongoDB, Redis, Docker

- Built a Dockerized B2B tender management platform with role-based access control, JWT authentication, and audit-friendly tender state transitions across the full lifecycle.

Technical Skills

Cloud & Infra Azure (AKS, Blob Storage), AWS (VPC, EC2, ALB, ElastiCache, DocumentDB, MSK), Kubernetes, Docker, Terraform, Linux (Ubuntu), systemd

CI/CD Azure DevOps Pipelines, ArgoCD (GitOps), Jenkins, Git, GitHub

Languages Go, TypeScript, JavaScript, Python, Java, Shell Scripting

Backend & Data Node.js, NestJS, Express.js, FastAPI, Kafka, RabbitMQ, PostgreSQL, MongoDB, MySQL, Redis, InfluxDB

Education

2024 – Present **B.Tech in Computer Science and Engineering**, *Symbiosis Institute of Technology*, Pune
72%

2021 – 2024 **Diploma in Computer Engineering**, *Government Polytechnic*, Jamnagar
95%