

ASSAF KANER

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PROFESSIONAL SUMMARY

Fullstack developer with 3+ years building production systems across cloud-native pipelines, air-gapped environments, and real-time data infrastructure. Strong backend focus — NestJS, Express, TypeScript — with hands-on experience in AWS, Kafka, Docker, and CI/CD. Comfortable owning systems end-to-end, from architecture decisions to deployment.

EXPERIENCE

Bynet Communications LTD — Fullstack Developer

2024 – Present

Cloud Data Pipeline

- Built an AWS Lambda pipeline ingesting global device metadata from a third-party API, forwarding through an intermediary environment into an internal network, and publishing to Kafka — managed with Terraform IaC.
- Handles 4 Kafka topics including one high-frequency topic processing millions of messages per day; worked around Lambda's 1-minute execution floor with an internal iteration loop achieving ~15–20 second cadence.
- Implemented GitLab CI pipelines for staging deployments.

Disaster Recovery System

Every standard failover tool requires 3 nodes — I had 2, so I built the consensus logic from scratch. Dual-layer failure detection (DB connectivity + service health), automatic promotion/demotion, self-healing with zero manual intervention in production. Full writeup: medium.com/@kaner.assaf

Webiks — Fullstack Developer

2022 – 2023

- Built scalable fullstack features using React, Redux, Node.js, GraphQL, and TypeScript across a 6-person team, delivering production-ready work under tight client timelines.
 - Integrated Kafka and Kadeck for real-time data streaming and inter-service communication, enabling multiple downstream services to consume from shared topics.
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SKILLS

Languages & Frameworks: TypeScript, Node.js, NestJS, Express, React, Redux, GraphQL

Cloud & DevOps: AWS (Lambda, CloudWatch), Terraform, Docker, GitLab CI, OpenShift, Kubernetes, Linux (RHEL8)

Data & Messaging: Kafka, Redis (ioredis), MongoDB, PostgreSQL

EDUCATION

Cyber4s — Fullstack Development Program

2021

Intensive 6-month bootcamp covering JavaScript, React, Node.js, and DevOps fundamentals.