

David Rubin

DevOps Engineer

From Enterprise Systems to Production Infrastructure



Location	Ramat Gan, Israel
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GitHub	https://github.com/Dude775
LinkedIn	https://www.linkedin.com/in/david-rubin-a02029338/
Portfolio	https://system-portfolio.vercel.app

893/1000

AWS SAA-C03

GPA 86.28

DevOps Developer Expert
Program

688h

IITC College - Lohamim
LeHightech track with Atidim

DevOps engineer with hands-on Kubernetes, Helm, Terraform, and AWS delivery from production-style platforms built end to end, backed by AWS Certified Solutions Architect - Associate (SAA-C03, 893/1000). Four years running mission-critical enterprise IT and ERP systems bring a production-aware mindset to CI/CD and GitOps.

Completed the 688-hour DevOps Developer Expert program at IITC College with a GPA of 86.28, on the Lohamim LeHightech track with Atidim.

I believe in infrastructure as code, automation-first thinking, and building systems that are observable, scalable, and resilient.

k8s-launchpad - Internal Developer Platform

An Internal Developer Platform on kind: two Flask workloads plus MongoDB packaged with Helm, brought up by a single idempotent Makefile command.

METRICS

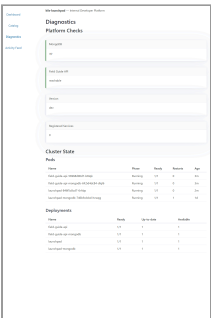
- 160
- Unit Tests at 100% Coverage
- 46
- STRIDE Threats Closed Across 5 Phases, Zero Open
- 27/27
- Milestone Requirements Audited
- 4/4
- End-to-End Flows Confirmed
- Namespace-Scoped RBAC Roles, Never ClusterRoles
- One-Command Idempotent Makefile Deploy
- v2.0 Observability via kube-prometheus-stack

STACK

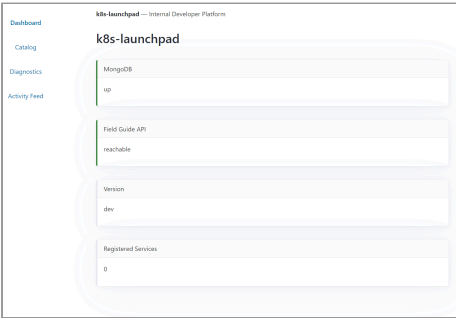
Kubernetes · Helm · Docker · Flask · MongoDB · Python · Make · Prometheus

LINKS

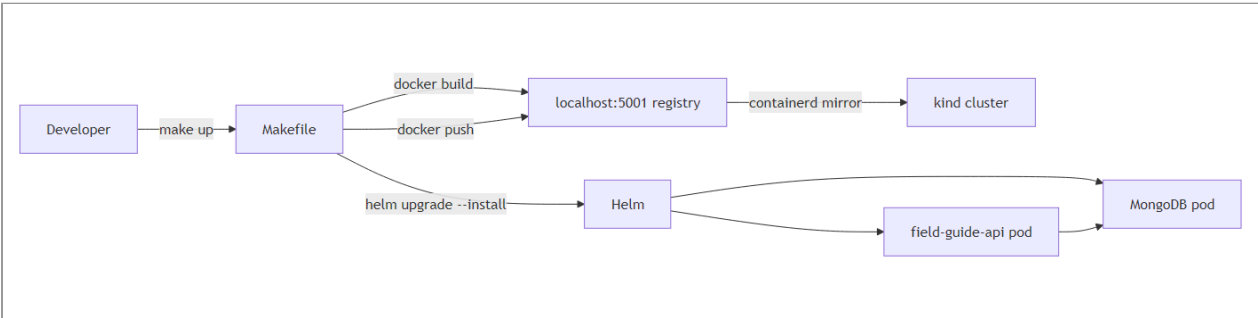
Repository <https://github.com/Dude775/k8s-launchpad>



4 pods Running 1/1, 4 deployments healthy, MongoDB up



Platform checks - MongoDB up, Field Guide API reachable, version dev



make up - docker build and push to a local registry, helm upgrade --install into kind

CloudCart - Microservices Platform on EKS

Platform & GitOps Lead - team of 4

Five FastAPI microservices behind an nginx gateway, under a single Helm umbrella chart on AWS EKS, provisioned by Terraform and delivered through Argo CD GitOps with zero static AWS credentials.

METRICS

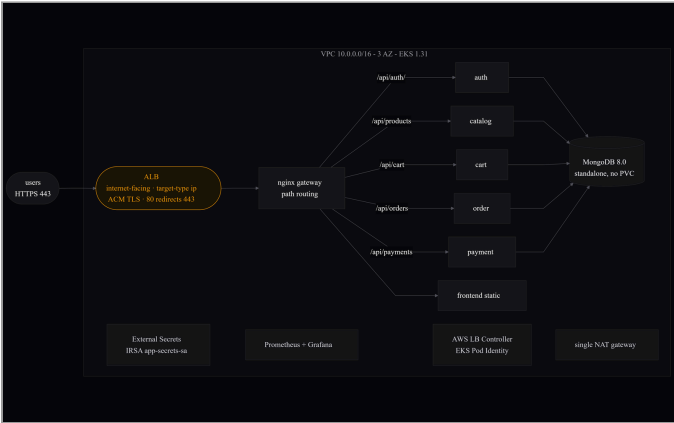
- Platform & GitOps Lead, team of 4
- 5 FastAPI Microservices + nginx Gateway, Single Helm Umbrella Chart
 - Terraform: VPC across 3 AZs, EKS, ECR, ALB Controller
 - Zero Static AWS Credentials - OIDC Federation + IRSA
 - External Secrets Operator for Secret Delivery
 - Argo CD Auto-Sync with Revert-Based Rollback
- 13 Traceable Requirements, R1-R10 Testable
 - Trivy Scanning, Non-Root Containers, ACM-Managed TLS

STACK

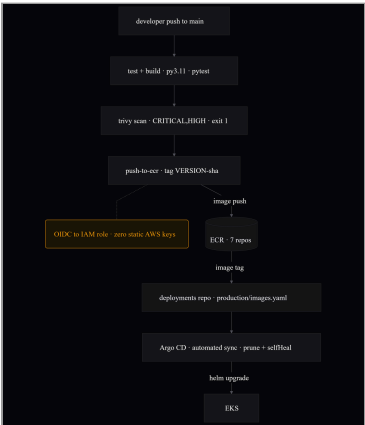
AWS EKS • Terraform • Helm • Argo CD • FastAPI • GitHub Actions • IRSA / OIDC • Trivy • External Secrets • Prometheus

LINKS

Repository <https://github.com/sports-store-247/sports-store-deployments>
Link <https://github.com/sports-store-247>



CloudCart runtime - single VPC across 3 AZ, ALB to nginx gateway to 6 services on EKS



CloudCart delivery - push to Argo CD auto-sync, trivy gate, zero static AWS keys

OPEN SOURCE

DevOps Field Guide

Public open-source knowledge base documenting DevOps principles, iron rules, and production lessons. Tagged across 10 GitHub topics.

METRICS

- 9 Iron Rules from Production Experience
 - Public Repository, 10 GitHub Topics
 - Covers Full DevOps Stack
 - Real-World Incident Lessons
 - Infrastructure as Code Examples
 - Monitoring & Alerting Patterns

STACK

Linux · Docker · Kubernetes · Terraform · Ansible · GitHub Actions · Prometheus · Grafana · Bash · Python

LINKS

Repository <https://github.com/Dude775/devops-field-guide>

```
Refreshing run status every 3 seconds. Press Ctrl+C to quit.

* main Deploy microservices to ECS · 27870079781
Triggered via push about 15 minutes ago

JOBS
* Deploy inventory (ID 82480473733)
  ✓ Set up job
  ✓ Checkout
  ✓ Configure AWS credentials
  ✓ Log in to Amazon ECR
  ✓ Build and push image
  ✓ Render task definition
  * Deploy to ECS
  * Post Log in to Amazon ECR
  * Post Configure AWS credentials
  * Post Checkout
* Deploy orders (ID 82480473741)
  ✓ Set up job
  ✓ Checkout
  ✓ Configure AWS credentials
  ✓ Log in to Amazon ECR
  ✓ Build and push image
  ✓ Render task definition
  * Deploy to ECS
  * Post Log in to Amazon ECR
  * Post Configure AWS credentials
  * Post Checkout
█
```

gh run watch - inventory and orders deploys green

CI/CD

CI/CD Lab Series

Six public GitHub Actions repositories worked front to back - event triggers, artifacts and outputs, caching, secrets handling, and matrix builds.

METRICS

- 6 Public Repositories, One Concept Each
 - Event Triggering and Flow Control
 - Artifacts and Job Outputs
 - Dependency Caching
 - Secrets Handling
 - Matrix Builds Across Runtimes

STACK

GitHub Actions · CI/CD · YAML · Docker · TypeScript · Python · JavaScript

LINKS

Repository <https://github.com/Dude775?tab=repositories&q=cicd>



ci.yml - 5 jobs, lint 16s

```
name: ci.yml
on: push

jobs:
  lint-typecheck:
    runs-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v2
      - uses: actions/setup-node@v2
      - run: npm ci
      - run: npm run lint

  matrix-test:
    runs-on: ubuntu-latest
    strategy:
      matrix:
        os: [ubuntu-latest, windows-latest]
        node-version: [14, 16]
    steps:
      - uses: actions/checkout@v2
      - uses: actions/setup-node@v2
      - run: npm ci
      - run: npm run test

  report:
    runs-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v2
      - uses: actions/setup-node@v2
      - run: npm ci
      - run: npm run report
```

Matrix build green across ubuntu 18/20/22 and windows 20/22

Terraform Labs

Three public HCL repositories covering Terraform Cloud remote state, a full application infrastructure stack, and Terraform driven from GitHub Actions.

METRICS

- 3
- Public HCL Repositories
- Terraform Cloud Remote State and Runs
- Full Application Infrastructure Stack
- Terraform Driven from GitHub Actions
- Plan and Apply Behind Code Review

STACK

Terraform · HCL · Terraform Cloud · AWS · GitHub Actions · Infrastructure as Code

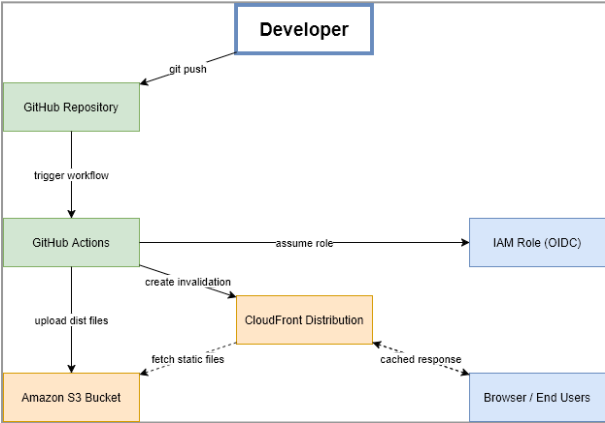
LINKS

Repository

<https://github.com/Dude775/FifaApp-infra>

Link

<https://github.com/Dude775/example-terraform-cloud>



push → Actions → IAM role via OIDC → S3 → CloudFront

All workflows					Filter workflow runs
Showing runs from all workflows					
5 workflow runs					Workflow ▾ Event ▾ Status ▾ Branch ▾ Actor ▾
✓	fix blank page	deploy react app #5: Commit 96b99e3 pushed by Dude775	main	3 minutes ago 16s	...
✓	readme	deploy react app #4: Commit d125e3e pushed by Dude775	main	Jul 1, 02:01 GMT+3 20s	...
✓	diagram	deploy react app #3: Commit 8dc7fc pushed by Dude775	main	Jul 1, 01:58 GMT+3 15s	...
✓	add images	deploy react app #2: Commit 700b9b3 pushed by Dude775	main	Jul 1, 01:42 GMT+3 15s	...
✓	workflow stuff	deploy react app #1: Commit d226980 pushed by Dude775	main	Jul 1, 01:38 GMT+3 23s	...

5 green deploy runs

CERTIFICATION

AWS Certified Solutions Architect - Associate

SAA-C03, scored 893 out of 1000 against a 720 pass mark. Passed 13 August 2026, valid through 13 August 2029.

METRICS

Scored 893/1000 (Pass Mark 720)

Passed 13 August 2026

Valid Through 13 August 2029

Resilient and Secure Architecture Design

Publicly Verifiable

STACK

AWS · VPC · IAM · EC2 · S3 · RDS · EKS · CloudFormation

LINKS

Link <https://aws.amazon.com/verification>



AWS Certified Solutions Architect - Associate, SAA-C03, scored 893/1000

Credentials

CERTIFICATIONS

AWS Certified Solutions Architect - Associate (SAA-C03) — Amazon Web Services
Passed August 2026 - valid through August 2029 • 893 / 1000

DevOps Developer Expert Program — IITC College - Lohamim LeHightech track with Atidim
Completed 11 August 2026 - 688 hours • GPA 86.28

SAP Business One & Project Management Office (PMO) — SAP
2021

EDUCATION

B.A. Technology Management — Bar-Ilan University
10/2023 - 06/2026

Practical Engineer Diploma, Industrial & Management Engineering — Tel Aviv Academic College of Engineering
10/2019 - 08/2021 • grade 90

CERTIFICATES



DevOps Developer Expert - IITC College, 688 hours, completed 11 Aug 2026



B.A. Technology Management - Bar-Ilan University, conferred 7 June 2026

Experience

TIMELINE

- 02/2019 - 08/2021

IT & Systems Engineer — Ivory
Windows and Linux servers, networking, POS, ERP, and inventory systems for a multi-site retail chain.
- 09/2021 - 02/2023

ERP Implementation Specialist — EMUSE Israel Ltd
SAP Business One implementations and integrations across 10 clients.
- 02/2023 - 06/2023

ERP Implementation & Analysis — Ziv Systems
ERP implementation and business process analysis.
- 10/2024 - 09/2025

Teaching Assistant (paid) — School of Hi-Tech, Bar-Ilan University
Taught Generative AI, Python, REST APIs, and Docker to 79 students, with 120 attendees at the flagship lecture.
- 02/2026 - 08/2026

DevOps Developer Expert — IITC College, Ramat Gan
Lohamim LeHightech track, in partnership with Atidim
Completed - 688 hours. Planned career transition into DevOps engineering following extended IDF reserve duty.

PRIOR WORK

- RAG Intelligence Platform** — RAG observability showcase - 3D embedding space, knowledge graph, multi-model comparison
<https://rag-intelligence-platform.vercel.app>
- Personal Command Center + JARVIS RAG** — Productivity dashboard with a multi-provider LLM assistant, offline-first single file
<https://github.com/Dude775/personal-command-center-jarvis-rag>
- n8n Automation Workflows** — Production n8n workflows on Docker with OAuth 2.0 integrations and custom nodes
- Genspark RTL Toolbox** — Chrome extension adding Hebrew/Arabic/Persian RTL support and chat export
<https://github.com/Dude775/genspark-conversation-toolbox>
- AI Curriculum - Bar-Ilan University** — Generative AI, Python, REST APIs and Docker taught to 79 students, 120 at the flagship lecture