

David Rubin

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SUMMARY

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.

EXPERIENCE

Teaching Assistant & Independent AI/Automation Projects, School of Hi-Tech, Bar-Ilan University Oct 2024 – Sep 2025

- Co-taught Generative AI, Python, REST APIs, Docker, and automation workflows to 79 students in a paid teaching-assistant position.
- Mentored professionals through hands-on assignments and integration debugging; built automation workflows with n8n, Docker, and Python, plus a local RAG system.

B.A. Technology Management, Bar-Ilan University, completed under extended IDF Reserve Duty (Miluim), 2023–2025.

ERP Implementation & Analysis, Ziv Systems Feb 2023 – Jun 2023

- Delivered ERP implementation and analysis for real-estate clients: requirements gathering, data mapping, configuration, and rollout support.

ERP Systems Implementation Specialist, EMUSE Israel Ltd Sep 2021 – Feb 2023

- Led 10 end-to-end SAP Business One client implementations, from requirements gathering through go-live.
- Owned data migration, cross-system integrations, user training, and post-go-live support; built SQL-based reporting and validation workflows safeguarding data integrity across ERP and reporting systems.

IT & Systems Engineer, Ivory Feb 2019 – Aug 2021

- Administered Windows and Linux servers, networking, endpoints, point-of-sale, ERP, and inventory systems across a multi-site retail environment.

PROJECTS

CloudCart, Platform & GitOps Lead, team of 4 github.com/sports-store-247/sports-store-deployments

- Architected 6 FastAPI microservices (auth, catalog, cart, order, payment, gateway) behind a single Helm umbrella chart on Amazon EKS.
- Provisioned the full platform in Terraform: VPC across 3 AZs, EKS, ECR, GitHub OIDC, ALB controller, Argo CD, and Prometheus.
- Eliminated static AWS credentials: GitHub Actions authenticates via OIDC federation, pods assume roles through IRSA, and secrets are fetched at runtime by External Secrets Operator.
- Ran git-authoritative GitOps delivery — Argo CD auto-sync, revert-based rollback, 13 traceable requirements (R1–R10 testable), Trivy scanning, ACM-managed TLS.

k8s-launchpad, Internal Developer Platform github.com/Dude775/k8s-launchpad

- Built an IDP on kind: two Flask workloads with MongoDB via Helm, one-command idempotent Makefile deploy, kube-prometheus-stack observability in v2.0.
- Verified delivery with 160 unit tests at 100% coverage, 27/27 milestone requirements audited, and 4/4 end-to-end flows confirmed.
- Closed 46 STRIDE threats across 5 documented phases, zero open threats at every phase boundary; least-privilege RBAC via namespace-scoped Roles, never ClusterRoles.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (SAA-C03)** — Amazon Web Services. Score 893/1000 · valid 13 Aug 2026 – 13 Aug 2029.
- DevOps Developer Expert Program, 688 hours** — IITC College, completed 11 Aug 2026. GPA 86.28 across Linux/CLI, Python, Docker, Kubernetes, CI/CD, AWS, Final Project. Lohamim LeHightech track with Atidim.
- SAP Business One** — SAP Business One Israel, 2021.

EDUCATION

- B.A. Technology Management**, Bar-Ilan University, 2023–2025 — single-major track.
- Practical Engineer (Diploma), Industrial & Management Engineering**, Tel Aviv Academic College of Engineering, 2021 – grade 90.

SKILLS

Cloud & Platform: AWS (EKS, EC2, S3, IAM, ECR, ECS, ACM), Kubernetes, Helm, Docker, Terraform, Argo CD, Prometheus
CI/CD, GitOps & Security: GitHub Actions, GitHub OIDC, Trivy, Makefile automation, IRSA, External Secrets Operator, RBAC, STRIDE
Systems: Linux, Windows Server, Bash, Python, SQL, REST APIs, FastAPI, Flask