

ITAY GUETA

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EU Citizenship | Willing to relocate

SUMMARY

DevOps Engineer with 3+ years in automation and developer-facing infrastructure. IaC (Terraform, Ansible), containers (Docker, Kubernetes), and CI/CD (GitHub Actions, Jenkins). Strong Python for tooling and Linux admin (systemd, hardening).

SKILLS

Infrastructure & Automation: Terraform, Ansible, Docker, Docker Compose, Kubernetes (kubectl, Helm), Git, GitOps, Bash, systemd

CI/CD: GitHub Actions, Jenkins, YAML pipelines, build/test/deploy automation

Cloud (Fundamentals): AWS, GCP

Monitoring/Logging: Grafana, Prometheus (basic), syslog, journalctl

Programming: Python (automation, Flask, REST APIs), CLI tooling

Networking & Linux: Debian, SSH, DNS, firewall rules, troubleshooting

EXPERIENCE

• Software Developer (with DevOps responsibilities)

Mar 2022 – Present

Wiliot

Israel

- Designed and shipped Python automation tooling that removed repetitive manual steps for internal teams, cutting routine workflows by 30% and reducing error rates.
- Stabilized legacy Python environments by refactoring modules and untangling dependency conflicts; improved build reliability and reproducibility across developer machines and CI.
- Built hybrid CI/CD pipelines (Jenkins + GitHub Actions) for a critical Windows-based repository; enabled automated build/test stages and reduced manual release steps by 70%.
- Created a zero-touch environment setup for developers (system dependencies, Python tooling, secrets handling) via scripts and systemd units, eliminating onboarding issues.
- Maintained and extended an internal Flask app consolidating multiple tools into a single interface; reduced the need for local installs and improved adoption across engineering teams.
- Delivered targeted Python utilities under tight deadlines (REST integrations, CLI tools) to ensure smooth day-to-day operations.

KEY PROJECTS

• Infrastructure-as-Code Resume Site (itaygueta.com)

Ongoing

- Provisioned cloud infra with Terraform (networking, DNS) and automated SSL (Let's Encrypt), Nginx, and systemd services for a production-grade static site.
- Codified OS hardening and deploy steps as IaC for reproducible environments; simplified tear-down/recreate workflows for rapid iteration.

• Home Infrastructure Lab

3+ years

- Ran Docker stacks and simulated Kubernetes service types (NodePort, ClusterIP) to mirror production traffic patterns and rollout strategies.
- Hardened Linux hosts (SSH, firewall, service isolation) and practiced backup/restore and incident drills to build real-world operational habits.
- Prototyped IoT & edge scenarios with Home Assistant + Zigbee; exercised event-driven automations and device orchestration.

EDUCATION & CERTIFICATIONS

- **Certified Kubernetes Administrator (CKA)** – In progress, expected Q3 2025
- **Machine Learning Specialization** – Stanford (Coursera), 2023
- **Self-study: AWS & GCP fundamentals** (ongoing)

LANGUAGES

Hebrew — Native

English — C1

German — B1 (advancing toward B2)