

ITAY GUETA

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SUMMARY

Software Developer with hands-on experience in DevOps practices, including CI/CD, infrastructure as code, cloud systems, and production operations. EU Citizen, open for relocation.

EXPERIENCE

- **Software Developer** March 2022 – Present
Wiliot Israel
 - Built Python automation tooling to remove repetitive manual workflows and reduce operational error rates.
 - Refactored and stabilized Python build environments on critical lab systems, resolving dependency conflicts and cutting debugging time by 90% through fully reproducible CI/CD builds.
 - Extended and maintained an internal Flask platform used across teams, with focus on reliability, clean UIs, and easy re-deployability.
 - Increased system reliability to 99.9% uptime by re-configuring services, tightening maintenance workflows, and ensuring updates deploy without user interruption.
 - Contributed to tooling adjustments supporting an infrastructure partner migration from GCP to AWS, ensuring integration continuity with minimal operational disruption.

PROJECTS

- **Infrastructure-as-Code Resume Site** April 2025 - Present
itaygueta.com
 - Provisioned and deployed the site on DigitalOcean using Terraform, including networking, DNS, and automated SSL.
 - Codified OS hardening and deployment steps as infrastructure as code, allowing for complete one-command rebuilds and reducing manual setup time by 90% through automated secrets and configuration management.
 - Built the site around Infrastructure-as-Code and automated CI/CD workflows.
- **Homelab** May 2023 - Present
 - Deployed and maintained a Linux-based automation server using Docker, Zigbee, and ESP32 integrations for IoT device orchestration, system monitoring and local AI experimentations.
 - Managed a personal multi-node Kubernetes cluster (kubeadm) spanning several local devices to experiment with service deployment, container orchestration, high-availability, and failure recovery in a local, controlled environment.

EDUCATION

- **Machine Learning Specialization** – Stanford (Coursera), 2023.

TECHNICAL SKILLS

Programming & Automation: Python, JavaScript, Bash, YAML

Cloud & Infrastructure: AWS (EC2, IAM, networking, S3, VPC), Terraform, Ansible, Linux (Debian/CentOS), Systemd, DigitalOcean

CI/CD & Version Control: Git, GitHub Actions, Jenkins

Containers & Orchestration: Docker, Docker Compose, Kubernetes (kubectl, Helm, kubeadm)

Monitoring & Ops: Grafana, Prometheus, logging & troubleshooting

LANGUAGES

Hebrew, English, German (B1)