

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

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| <ul style="list-style-type: none">• Software Developer
<i>Wiliot</i><ul style="list-style-type: none">• 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. | March 2022 – Present
Israel |
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PROJECTS

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| <ul style="list-style-type: none">• Infrastructure-as-Code Resume Site
<i>itaygueta.com</i><ul style="list-style-type: none">• 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

<ul style="list-style-type: none">• 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. | April 2025 - Present

May 2023 - Present |
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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)