

# Amit Galitz

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Security clearance

## Summary

A self-starter and quick learner, who loves tinkering and exploring.  
Enthusiast about technology and always learning in order to better myself and expand my knowledge. Very thorough, efficient with keen attention to detail.  
Fascinated with Linux internals and Cyber Security.  
Experienced in building a fully operational, robust, reliable and fully secure (Hardened) architecture from design to production.  
Strong believer in best practices, clean code, precision, high-standards, KISS & YAGNI and that things should “work simply and simply work”.  
Capable of explaining complex technological issues in easy-to-understand terms.

## Experience

DevOps Tech Lead, DevOps Team Lead & DevOps Guild Lead - 70% Hands-on, NSO Group, October 2019-Present

- Lead 1 Team member and other DevOps teams to higher standards and better quality, teach about technologies and best practices
- Architect, design & implement all DevOps aspects from scratch
- Integral part of the products design and implementation
- Fully Automated dynamic build & test environments using Jenkins, Helm, Kubernetes, Ansible, Terraform & Consul
- One click fail proof deployments & fully air-gapped over 18 nodes clusters
- Fully automated Secrets management using Hashicorp Vault
- Occasional lectures on Linux, Tools, Practices & Technologies to RnD

DevOps + DevSecOps One-man-show, Cyber security company. September 2018-September 2019

- Define and implement from scratch all aspects of SDLC for the company, including pipelines, deployment, security, etc..
- Manage RnD projects for best customer satisfaction
- Define and build a fully hardened linux distribution from scratch, compliant to the highest standards. including secure unattended updates, continuous monitoring and management system.
- Research, define and implement best tools, solutions and practices.

Cyberbit Ltd. August 2016-August 2018

-Platforms DevOps & DevSecOps Tech Lead

- Define the products ongoing security and hardening requirements and compliances
- Integrate security into all stages of the SDLC
- Research and define the products platforms, technologies and architectures
- Define and implement DR strategies
- Support and educate the RnD teams through platforms and security integrations

#### -DevOps Specialist

- Robust and fail-proof deployment scripts and configurations management using Ansible
- Advanced Linux debugging, kernel probing and forensics via systemtap / dtrace / strace / sysdig
- Security Hardening and optimisation to full compliance of Nessus/CIS rigorous tests
- Very involved in the Cyber security world with up to the minute updates on CVEs and 0-days
- Immensely improving the products reliability, stability and performance (service configs, cgroups, runlevels, etc..)
- Key figure in the company for all things Linux, Hardening, Product/Feature design and best practices
- Support and technological guidance to anyone in need, from management to the clients (on-prem visits & abroad)
- Improved CI/CD build times from over an hour to several minutes (not focused on CI/CD)

#### Lucidlogix Technologies, 2015-June 2016

##### -Lead Automation Engineer

- Providing R&D with an array of Python automation scripts for testing and development
- Designing the company's automation methodology from scratch
- Creating the company's continuous integration infrastructure, including automatic builds and maintenance
- Developing automatic tests for Android, Linux and Windows platforms
- Go to person on an array of technological, Android hacking and usage questions
- Adapting AOSP components to support automation requirements
- Researching on anything and everything related to the company's doing

##### -QA Engineer

- Writing and executing test plans
- Improving test cases and usage using various ready-made tools or tailored fit utilities

#### Co-founder of "Cubed", a 3D Printing business – February 2012-July 2014

- Coding using G-code and OpenSCAD (C# syntax) to generate optimal 3D Printing configurations
- Physically upgrading printer components to assure maximal reliability and product quality
- Tuning software parameters to achieve optimum printing performance

## Education

- QA engineering, Rupin institute – Summa cum laude, 2008
- Insurance and investment management, Financial college of Tel-Aviv - Magna cum laude, 2010

## SW skills

Linux system (Debian/RHEL/Arch), Linux VFS, cgroups, SysV, systemd, SELinux, Apparmor, udev, acpi, Anaconda, init scripts, Android, Python, Bash, System calls, Systemtap, Dtrace, Strace, Sysdig, Packer, Terraform, Docker, OCI, Kubernetes, Helm, Hashicorp Vault, Consul, Elastic Stack, Ansible, AWS, Openstack, Jenkins (+Pipeline), Groovy, Teamcity, Redis, Celery, Zookeeper, Kafka, MongoDB, RabbitMQ, Grafana, Graphite, Datadog...