Nimrod Adar - נמרוד אדר - Resume (April 2021)

DevOps engineer and Python developer

# Contact information

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Blog

<https://www.shore.co.il/blog/>

Portfolio

<https://git.shore.co.il/explore/>

# About me

* DevOps engineer, Python developer and Linux and BSD sysadmin.
* Freelance, working remotely from Zichron Ya'akov, Israel.
* Born in ’83.
* German and Israeli citizenship.
* First computer - 1989, first program - 1993, first homelab - 1999.
* Python backend developer (dabbled in C, C++, Scheme, Pascal, Perl, PHP, JS, Ruby, Go, Clojure and Lua).
* Speaks Hebrew (mother tongue), English (Fluent) and some Yiddish.
* Avid sailor, used to be rank 2nd in Israel in 5.5m Catamarans.

# Employment

2019-2021

Senior DevOps engineer at the [Endless OS Foundation](https://www.endlessos.org/) (previous Endless Mobile). Improved security practices and secret management, reduced infrastructure cost, built infrastructure for containerized services. Implemented logging and metric collection for visibility into our services. Took ownership of a metric collection service, collecting metrics from 10s of thousands of installations, reporting over a million metric points daily. Main tools: Terraform, Ansible, Docker, Python, AWS, ECS, Jenkins, Postgres and Hashicorp Vault.

2017-2018

DevOps in [Dojo labs](https://dojo.bullguard.com). Reduced time to production with CI/CD pipelines and automated testing. Improved reliability by implementing log and metric collection. Established workflows for development, testing and releases. Created tooling for database migrations and established database migrations workflow. Broke a monolith application to containerized services. Led a PoC of Kubernetes deployment both in the cloud and on-premise. Main tools: Ansible, Docker, Python, RabbitMQ, ELK, AWS and Postgres.

2016-2017

DevOps in [FDNA](https://www.fdna.com/). Migrated production and dev environments to AWS. Inherited a big Ansible code-base, added testing and refactored. Instituted CI, CD (for some projects) and an artifact repository. Replaced unmaintained Nagios setup with a fully automated CloudWatch metrics and Lambda alerts setup. Main tools: Ansible, Python, AWS, MySQL, MongoDB, Bitbucket Pipelines.

2014-2015

DevOps in [Wise ecommerce](https://www.wiser.com/), in charge of reliability, automation, scaling. Helped transition the company from a single physical server to AWS. Proudest moment: scaling a single process to 10,000s of requests a minute running on 10s of nodes on AWS (using Ansible and LXC).

2013-2014

Sysadmin in Intel Haifa, managing a cluster of ~250 SuSE Linux servers and ~80 TB of EMC and NetApp NAS appliances in production and DR replicated environments, shell and Python scripting, automation, software deployment, monitoring and growth projection.

2008-2013

Technical director of Haifa's Cinematheque. Setup a windows based ticketing system with PowerShell automation, new LAMP based web site with online orders, new digital projection system with Linux-based players, networking projection rooms and self built 20TB NAS based on Debian.

2007-2009

Volunteered as a tutor at Hadar Haifa learning center, teaching math and English.

2007-2008

Jr. sysadmin and help-desk in Haifa University' library. Assisted in decommissioning a Novell directory and moving to Active Directory and supported Windows and RHEL servers, networking, VMware ESX, backup and Windows Terminal Services with thin-clients.

# Education

2007-2010

Haifa University, majoring in CS.

2006

Technion, majoring in MIS

# Military Service

2002-2005

L.T. Of the Israeli Navy Commanding School, exemplary service.