Nimrod Adar - אדר נמרוד - Resume (April 2021)
DevOps engineer and Python developer

Contact information

Tel +972-52-871-3696

Mail nimrod@shore.co.il

Matrix chat @nimrod:shore.co.il

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 (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. 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. 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, 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.