Contact

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www.linkedin.com/in/eladyarom
(LinkedIn)
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Top Skills

Linux
System Administration
Databases

Languages

Hebrew (Native or Bilingual)
English (Native or Bilingual)

Certifications

Certificate In Mathematics For
Education

Elad Yarom

Co-Owner, Systems Engineering and DevOps at Yarom Global
Enterprises, Inc.
Fredericton, New Brunswick, Canada

Summary

I mostly work in distributed and cloud environments and have
extensive experience with AWS, Google Cloud Platform, Azure, and
Apache libcloud in addition to bare metal servers.
I also have a strong background in security and software
development.
I enjoy building tools in python and bash.
I build platform agnostic, self-healing Linux stacks to keep you and
your infrastructure flexible.

Recently, I've been running a consulting business with my wife, with
Mullvad VPN AB as our largest customer.
Before that I was the Lead Systems Engineer for Priceonomics, a Y
Combinator Startup.
At Priceonomics, my agnostic stacks saved the company over
$700,000 (USD) in infrastructure costs over 4 years.

Permanent Resident of Canada, EU and Israeli Citizenship. I work
remotely out of New Brunswick, Canada.

Experience

Yarom Global Enterprises Inc.
Co-Owner, Systems Engineering and DevOps
April 2018 - Present (2 years 3 months)
Fredericton, NB

As the Co-Owner of Yarom Global Enterprises, I lead the systems engineering
part of our consulting business.
We help our clients start, or grow, their business with a holistic approach to
systems engineering and marketing, enabling developers do what they do best
- build the features you need.
Our largest contract is with Mullvad VPN AB (https://www.linkedin.com/
company/amagicom-ab-mullvad-vpn/).

Since starting the business, I've:

• Closed multiyear, ongoing consulting contracts with several companies

• Created business connections in Sweden, Israel, and the United States

• Led my business successfully through high risk times, with year after year revenue growth (including financial year 2020).

• Provided Backend Engineering and architecture services to Mullvad VPN

• • Worked on System Architecture, Optimization, and Design

• • Architected Mullvad's partner API to allow for VPN white-label partnerships with Mozilla and Malwarebytes

• • Led and Architected clustering of Mullvad's API

• • Worked on dockerization of new and legacy infrastructure

• • Designed and Implemented workflow, design and engineering processes for the Services and Infrastructure team

• • Automated business processes.

• • Assisted with marketing and business strategy

• • Worked in a high security work environment - Qubes OS, tamper-proofing, strict code reviews and auditing

• • Attended conferences (DEF CON, CCC, Security Fest)

• Subcontracted with Sartography LLC (https://www.linkedin.com/company/sartography)

• • Audited the system design and implementation of the ReCAP Shared Collection system, used by Columbia University, The New York Public Library, Princeton University, and Harvard university with an emphasis on DevOps and security

• • Assisted with server configurations and system architecture as needed

• Provided ongoing emergency maintenance for Priceonomics Inc.

• • Software Updates and System Patching

• • Emergency Maintenance

• • Cost Optimization

Priceonomics Inc
Lead Systems Engineer
April 2014 - April 2018 (4 years 1 month)
Fredericton, NB, Canada

As the system engineer for Priceonomics, I design, build and maintain a scalable infrastructure for our products.

My cloud-agnostic, portable stacks have saved Priceonomics over $700,000 (US) in infrastructure costs over the past 4 years.

At Priceonomics I have:

• Built a package manager and deployment system using Libcloud, s3cmd, Ansible, and OpenSSL (PKI + symmetric) with S3/Google Storage backend
• Designed and implemented major parts of our back-end infrastructure
• Focused on building self-healing, automated, scalable systems on platform agnostic stacks
• POC'd, designed and deployed a VPN based "superproxy", and wrote Python based web crawlers for the content marketing team and clients
•Implemented proper development cycles and environments: development, staging and production with Continuous Integration and Testing, including automated functional testing with Selenium
• Managed our PostgreSQL databases and migrated to/from Amazon RDS
• Implemented system integration with Google Analytics, Oauth and Sheets Inspected application code, system design, and infrastructure for security flaws
• Attended international Information Security conferences
• Served as a Point of contact for service providers, CERTs, and platform updates.
• Co-authored content marketing articles

Innovatia
Capsule Backbone Engineer - AES, Avaya VoIP
June 2013 - April 2014 (11 months)
Saint John, NB, Canada

• Tier 3 Backbone support specialist for Avaya Aura Application Enablement Services (AES) Computer Telephony Integration servers
• Lab Prime for AES support testing lab - Set up, tore down and simulated errors encountered in the field
• System integration with Avaya products, Verint, NICE, Witness, Genesys, and several other CTI applications
• Remote Linux (CentOS) system administration, support, and emergency recovery
• Virtualization with VMware and Xen (Avaya System Platform)
• Avaya's "Voice of the Client" award recipient for October 2013

University of New Brunswick

2 years 10 months

Campus Patrol Chief
September 2012 - June 2013 (10 months)
Saint John, NB

• Administrative Director of Campus Patrol
• Responsible for oversight of Campus Patrol under the direct supervision of the
Operations Supervisor, Safety and Security
• Security planning, policy development, and staff training, HR, staff discipline, team development
• Running and coordinating teams of up to 30 people in high stress, real time events

Research Assistant, Mathematical Sciences Department
February 2012 - May 2013 (1 year 4 months)
Saint John, New Brunswick

• Coding and Compilation: Wrote software to calculate the Nield and
Kuznetsov Ni(x)
integral function (R, C++)
• Data Analysis: Performed data analysis for a Flow Analysis research project. (Minitab,
Excel, Maple 15)

Campus Patrol Assistant Chief
September 2011 - September 2012 (1 year 1 month)
Saint John, New Brunswick

• Operations Director of Campus Patrol
• Responsible for oversight of all day to day patrol and event operations where Campus
Patrol is scheduled to provide services
• Directed Supervisors and Members to ensure a high quality of service is provided and
that members comply with policies and procedures of the organization
• Worked with the Campus Patrol Chief on security planning, policy development, and
staff training
• Ran and coordinated teams of up to 30 people in high stress, real time events

Proctor
December 2011 - January 2012 (2 months)
Saint John, New Brunswick

• Residence proctor during the Christmas break

• Responsible for the safety and concerns of 184 students living in residence

• Collaborated with management regarding residence check-ins and check-outs

Campus Patrol Supervisor
January 2011 - September 2011 (9 months)
Saint John, New Brunswick

Roles and Responsibilities:

• Front line supervision of Campus Patrol Members during operations

• Maintained a high level of service and safety during shifts.

• Oversaw routine patrols and events in the absence of the Assistant Chief

Campus Patrol Member
September 2010 - January 2011 (5 months)
Saint John, New Brunswick

Roles and Responsibilities:

• Conducted Patrols of the UNBSJ campus

• Provided security for events where alcohol was served

• Conducted safe walks

• Directed traffic

Yarom Family farm
Farm Management
April 2010 - September 2010 (6 months)
Moshav Iddan, Israel

• Oversaw foreign workers and day to day operations on the farm

• Maintained irrigation computers (Eldar Shany Agro 8 Irrigation Control System)

• Maintained and operated heavy machinery and tractors

• Picked and packed dates

Agrosoft
ERP Programmer
February 2008 - February 2009 (1 year 1 month)
Ein Yahav, Israel

ERP Programming:

• Designed and implemented ERP modules, Client specific modifications (CodeGear RAD Studio, Crystal Reports)

• Database Development (MS-SQL Server 2000-2008)

• QA, Bug fixes and patch Deployment (Checkpoint VPN-1, PC AnyWhere, Cisco VPN)

System Administration:

• Contributed to server purchasing and hosting process
• Server setup and administration (MS-SQL 2008, IIS 7, hMail Server, Windows Server 2008).
• Deployed products on clients' servers (MS-SQL Server 2000-2008; Windows Server 2000, 2003, SBS, 2008)

Various Clients
Independent IT Technician
2003 - 2009 (6 years)
Israel

Built, installed and repaired on site computer systems and networks for various clients:
• Worked on-site in people's homes and businesses.
• Advised on system specification with a client oriented mindset.
• High level of expertise in (non-destructive) removal of malware.
• Software and hardware installation and repairs.

Kfir Computer Systems
Computer and Network Technician
2008 - 2008 (less than a year)
Be'er Sheva, Israel

Field and lab technician:
• Installed and repaired software and hardware, performed data backups
• Wired, Installed and configured networks and NAS
• Retrieved stock from suppliers

Jewish Agency
ESL Youth Instructor
2007 - 2007 (less than a year)
Nitzana, Israel

• Provided an immersive English environment for teenage youth at a summer camp.

Israel Defense Forces
Military Service
2004 - 2007 (3 years)

Millitary Police, Israeli Defence Forces, Israel

Rank: Sergeant First Class (Reserves)

Chief Computer NCO - Military Police, Southern-Command Headquarters
• System Administrator (Windows 9X, 2000, XP; Windows NT4 Server,
Windows server 2000, Oracle 8, Magic ERP)
• Network Administrator - 4 LANs, WAN, 100 clients (Nortel)
• User management (Active Directory)
• Information security
• Determined, implemented and audited security policies
• Managed computer NCOs in the unit's bases spread over a wide
geographical area
• Used and administered security hardened systems and networks
• Technical and forensic support (hardware and software)
• Overhauled the unit's network and designed a new war room communication
infrastructure.

Operations NCO - Military Police, Southern-Command Headquarters
• War-Room (Command Center) shift commander
• Coordinated, assigned and monitored various units in real time
• Assisted in planning operations and emergency procedures
• Collected, wrote and analyzed reports
• High stress environment and shift work
• On the spot adaptability and creative solution problem skills were needed

MP - Eilat Military Police Base
• Military Law Enforcement
• Patrol Commander, Stockade Commander, Dispatch officer.
• Base's Computer NCO – Troubleshooting PCs and the base network,
performed security audits, Hardware replacements.

Security Inspector - Erez Border Crossing
• Worked in stressful and dangerous conditions
• High attention to detail and body language was required during shifts
• Excellent communication skills were required

Internet Arava (Arava Development Company)
Moshav Iddan local Administrator
2003 - 2004 (1 year)
Moshav Iddan

System and Network Administration, Webmaster:

• Responsible for troubleshooting server and network issues. (Redhat Linux Server 7.3, DoCSIS)

• Developed a website for intranet services

Education

University of New Brunswick

B.Sc. C.S. (Networking), Computer Science, Specialization in Networks, Minor in Mathematics · (2009 - 2013)