

Elad Yarom

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 GPG Public Key: 0EEC 7BEC 9F7D 300E 61EA B3AD 8229 47D2 3D94 8569

Work Experience

April 2018 - Present: **Systems Engineering Consultant and Co-Owner** - Yarom Global Enterprises Inc

- Closed multiyear, ongoing consulting contracts with several companies
- Created business connections in Sweden, Israel, and the United States
- Provided Backend Engineering and architecture services to **Mullvad VPN AB**
 - Worked on system architecture, optimization, and design
 - Architected Mullvad's partner API to enable 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, planning, and engineering processes for the Infrastructure team
 - Automated business processes
 - Assisted with marketing and business strategies
 - Worked in a high security environment - Qubes OS, tamper-proofing, strict code reviews, and auditing
- Subcontracted with **Sartography LLC**
 - 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

April 2014 – April 2018: **Lead Systems Engineer** - Priceonomics Inc

- Designed and implemented self-healing, automated, scalable, and portable system architectures that saved the company over \$700,000 (US) in infrastructure costs over a 4 year period
- Built a simple, extensible package manager and deployment system to allow for seamless disaster recovery and rapid, massive scaling using Apache Libcloud, s3cmd, Ansible, and OpenSSL with a S3/Google Storage backend
- Designed, implemented, and maintained infrastructure on Amazon Web Services, Google Cloud Platform, and Microsoft Azure
- Architected and executed Cloud migrations of multiple stacks between AWS, GCP, and Azure
- 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
- Integrated company SaaS offerings with with Google Analytics, OAuth, and Sheets
- Performed audits of application code, system design, and infrastructure for security flaws
- Point of contact for service providers, Computer Emergency Response Teams (CERTs), and On-Call break/fix

For my complete and comprehensive work history, please see my [Linkedin page](https://www.linkedin.com/in/eladyarom) or my CV at <https://elad.yarom.info/cv.pdf>

Elad Yarom - Education and Skills

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Education

September 2009 - April 2013: University of New Brunswick

- **B.Sc. C.S. Specialization in Networks, Minor in Mathematics**

System Engineering

Bash/Python scripting
 CentOS
 Linux/Unix administration
 Ubuntu Server
 VMware
 Xen/Qubes OS

Cloud

Amazon Web Services (AWS)
 CloudFlare
 Digital Ocean
 Docker
 Google Compute Platform (GCP/GCE)
 Microsoft Azure
 OVH
 Scaleway

Automation and Services

Apache2
 Ansible
 Flower
 Gitlab/Gitlab CI
 Graphite
 Gunicorn
 HAProxy
 Memcached
 Nginx
 OpenVPN
 PostgreSQL
 Redis
 Squid
 Supervisor
 WireGuard
 Zabbix Monitoring

Programming and Version Control

Apache Libcloud
 Boto
 C/C++
 Celery
 Django
 Flask
 Git
 Gitlab CI
 Google integration - OAuth, Google Analytics, Sheets
 Gmail Automation
 Hugo static site generator
 PyCharm
 Python
 Selenium
 vue.js

Business Skills

A/B Testing
 Continuous Integration/Development/Testing
 Editing and distributing videos
 Microsoft Office/Google Docs/Libreoffice
 Strong understanding of business requirements
 Writing content marketing articles

Soft Skills

Analytical
 Approachable
 Crisis management
 Flexible
 Leadership
 Problem solving
 Sense of humor
 Strategic planning
 Team building