

# Elad Yarom

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## Education

- **B.Sc. C.S. Specialization in Networks, Minor in Mathematics**  
September 2009- April 2013: University of New Brunswick

## Work Experience

April 2014 – Present: **Lead Systems Engineer** - Priceconomics Inc.

- Designed and implemented self-healing, automated, scalable, and portable system architectures that **saved the company over \$700,000 (US) in infrastructure costs** over the past 4 years
- 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 **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

June 2013 – April 2014: **Technical Support Specialist** - Innovatia Inc.

- 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

February 2012 – May 2013: **Research Assistant** - Mathematical Sciences Department, University of New Brunswick

- Wrote software to calculate the Nield and Kuznetsov  $Ni(x)$  integral function and its derivatives (**R, C++**)
- Performed data analysis for a Flow Analysis research project (**Minitab, Excel, Maple 15**)
- Rigorous unit testing and QA to verify output and function correctness for scientific validity

February 2008 – March 2009: **ERP Programmer** - Agrosoft Software Systems

- Designed and implemented ERP modules database integration (**CodeGear RAD Studio, MS-SQL**)
- QA, bug fixes, and patch deployment (**Checkpoint VPN-1, PC AnyWhere, Cisco VPN**)
- Contributed to server purchasing and hosting process
- Server and database administration (**MS-SQL 2008, IIS 7, hMail Server, Windows Server 2008**)
- Deployed products on clients’ servers (**MS-SQL Server 2000-2008; Windows Server 2000-2008, SBS**)

# Elad Yarom - Skills

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## System Engineering

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

## Cloud

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

## Automation and Services

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

## Programming and Version Control

Apache Libcloud  
Boto  
C/C++  
Celery  
Django  
Flask  
Git  
Gitlab CI  
Google integration - Oauth, Google Analytics, Sheets  
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  
Problem solving  
Sense of humor  
Strategic planning  
Team building