

EYAL YAACOV

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I am looking for a position that can leverage my analytical and research skills. I combine deep technical knowledge of IT, Operations and Software engineering background, creativity, business understanding, as well as hands-on experience with Automation, Configuration management and Big Data infrastructure (DataOps).

WORK EXPERIENCE

2019 DEC – Today | **Hadoop tech lead / Senior Devops Engineer**, *Outbrain – DataStores Team*

As a Tech Lead of the Hadoop infrastructure I am responsible for it's sustainability and performance. Acting as a point of contact for external teams in these matters. As part of the Datastores team we manage large clusters of Mysql, Elasticsearch, Cassandra, Vertica and Druid.

Part of the leading group of migration from MapR to Hadoop opensource (150 machine each site):

- 3PT of data on each site
- Using chef to automate the installation and maintenance
- Wrote a tool using python to monitor and migrate the data using an external mysql and Redash dashboard to show the progress.

Incharge of the Druid infrastructure:

- Tuned and enriched Druid chef cookbooks.
- Consolidate the multiple chef cookbooks to a single unified solution.

Created a Jupyter chef cookbook – for DataScientists usage.

Incharge of the GCP environment that included multiple Dataproc cluster.

Lead a project to automate GCP Dataproc Hub using Terraform:

- Customer engagement (Internal groups)
- Customer expectations.
- Lecturing the Team to provide technical redundancy
- Creating and testing the technical solution.

Moving to SSL/TLS Server/Client Cassandra project.

Hive (TEZ, Spark) and HDFS performance tuning.

Mentoring and lecturing on Linux, GCP, Terraform, Hadoop as part of internal knowledge transfer.

2018 JAN – 2019 DEC | **Senior Devops Engineer**, *Playtika – Bigdatainfra Team*

I brought devops skills to manage and expand the data production environments.

I migrated from Puppet to Ansible and Jenkins.

Created a multi layered automation solution to support multi staged environments based on Ansible and python: -

Jenkins cluster (Master/Slave)

- Miniconda as a basic layer with Ansible and ODBC
- Basic python framework to standardize the logging and DB access

In depth of Vertica as Infrastructure.

Supported multiple Cloudera clusters with Spark and EMC Isilon as HDFS storage.

2015 – 2017 DEC | **Senior Devops Engineer**, *Bluesnap – payments for eCommerce, Web & Mobile development*

As part of the Operations team we are in charge for the Build and Deployment processes.

I am responsible to expand and deepen the monitoring aspects of the company.

- Rebuild monitoring, infrastructure and business logic using opensource tools (*Icinga2*).
- Implemented performance monitoring (*NewRelic, openTSDB*).
- Interact with other divisions in the company to provide meaningful business oriented alerting and metrics (*Product, R&D, QA*).
- Researching, POC'ing and implementing new technologies and tools for IT/Operations.
- Setting up testing and demo environments in AWS using Ansible.
- Designing and implementing CI/CD of the monitoring solution (*GIT, Jenkins, Docker, Ansible*).
- Developing interfaces with the new technologies to automate the flow of information and usability (*Python, Shell*).
- Design and implement servers image deployment lifecycle (*CentOS*).

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2014 – 2015 | **Team Lead – Mobile applications**, *Newlinks Directories LTD*

- Managing 3 developers, web + backend, iOS dev, Android dev.
- Customer interaction: analysing customer needs and transforming it to developers specs.
- Design and implement server side infrastructure in the cloud, mostly LAMP (*CentOS*).
- Adding apps to the mobile stores (*iTunes, Google Play*).

2004 – 2014 | **Senior Support Engineer**, *Newlinks Directories LTD*

- Design implement and support country wide, multi site remote control infrastructure projects (*Novell ZCM, Sles, OES*).
- Install maintain and support multi heterogenous server infrastructure networks (*Netware, Windows, Sles, OES*).
 - Virtual (*Xen, Vmware, Hyper-V*)
 - Physical (*IBM, HP, Dell, Intel*)
- Asterix PBX's (*Centos*).
- Setup maintain and support Internet application servers (*Linux/Netware-Apache, PHP, Mysql*).
 - Cloud and On-Permise
 - Mysql replication
 - LDAP/eDirectory Integration

1996 – 1998 | 2004 **Computer Tech / Network Engineer**, *Nativ Networks LTD*

CORE QULIFICATIONS

LANGUAGES: Shell, Python | intermediate php, SQL | basic Java, C, C++

Version Control Systems: GIT, SVN

Automation/Build Tools: Chef, Ansible, Jenkins, Rundeck, Artifactory, Consul

Monitoring: Icinga2, Xpolog, Graylog, openTSDB, Prometheus, Grafana and ELK

App & Web Servers: Tomcat, Apache, NGINX

Databases: MySQL, Vertica, Druid, Hive

Virtualisation: VMWare ESX/ESXi, Docker | Basic Kubernatense, Xen, Vagrant

Cloud Providers: AWS, GCP

EDUCATION

2008 – 2012 **Practical computer engineer**, *Open Univercity, Israel*.

1998 – 2008 **Multiple Certifications**, *Novell CNE 4,5,6 / Microsoft MSCA, MCSE – NT4, 2000*.