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Data Engineer HERE Mobility

05/2017 - Present

As one of the first employees at a new HERE development center I'm responsible for providing Data engineering solutions for mobility platform and navigation software.

- ❑ Created Big Data infrastructure for events collection and processing (building on Kafka, Spark, S3, Presto, Athena).
- ❑ Developed an automated pipeline for maps routing engine (using Airflow, Terraform, AWS).



Tech Lead, Data Appsflyer

07/2015 - 05/2017

Appsflyer is a market leader in mobile ad attribution and analytics. Here, I work on many projects around building and improving cost-effective data infrastructure, including the following, among others:

- ❑ Found proper technologies for evolving data infrastructure to meet new business requirements.
- ❑ Built real-time data pipelines that process millions of events in a second.
- ❑ Implemented batch processes for crunching terabytes of data, and building insightful reports from it.
- ❑ Participated in architectural decisions at a broad level.
- ❑ Helped grow data team from just three to tens of employees.



Staff Engineer, Analytics Ruckus Wireless

09/2013 - 07/2015

I worked on building BI platform that helps Ruckus Wi-Fi customers operate in a most effective way. My responsibilities included:

- ❑ Extended Pentaho analytics platform for building custom Ruckus BI solution.
- ❑ Developed Wi-Fi network analytics reports and ETL processes.
- ❑ Deployed and optimized HP Vertica database.
- ❑ Designed and developed prototype for moving from on-premise to cloud.



Software Architect Colabo

12/2009 - 09/2013

As the first R&D employee I am responsible for the full life-cycle development of the next-generation brand monitoring platform and cloud service from initial requirement gathering to design, coding, testing, documentation and implementation. List of my achievements:

- ❑ Designed and developed MVP.
- ❑ Built an initial R&D infrastructure: Website, development, CI/CD, etc.
- ❑ Adapted existing solution for several pivots the company has made.
- ❑ Designed and implemented cloud service.



Software Architect Zend Technologies

01/2007 - 12/2009

On this position I led technically Zend Studio and open source Eclipse PDT projects.

- ❑ Designed and developed PHP static code analyzer, one of main feature of Zend Studio.
- ❑ Implemented major PHP release support in Zend Studio and Eclipse PDT.
- ❑ Led re-design of Eclipse PDT core framework, basing the new one on PHP type inference engine, which made possible implementing more advanced IDE features, like: intelligent code assist, intelligent navigation, PHP static code analysis, re-factoring, etc.
- ❑ Actively participated and contributed to open source projects under Eclipse.org (PDT, DLTK).



Senior Java Developer Zend Technologies

01/2005 - 02/2007

This was my first position in Development Tools group at Zend. During that time I was involved in several projects like:

- ❑ Participated in initiating and developing Eclipse PDT project under Eclipse.org.
- ❑ Implemented features in the new Eclipse-based Zend Studio, most noticeable are: PHP debugger and PHP profiler.
- ❑ Fully responsible for design and development of Zend Guard application based on Eclipse RCP.



Packaging Engineer & Build Master Zend Technologies

01/2005 - 02/2007

This was my first job after finishing my bachelors degree, which I combined with the military service at IDF. During that time I worked on the following:

- ❑ Designed and developed a distributed packaging system for Zend products that allowed to replace all manual procedures existed before with a one-click package release.
- ❑ Designed and developed a platform for automated testing of Zend products that allowed to speed up release cycle by 300%.
- ❑ Developed installation scripts for Zend products for Unix-like systems.
- ❑ Solved various build and integration issues for Zend components and 3rd party libraries in Unix-like systems.

Military Service

Developer

01/2005 - 02/2007

Strategic Planning Department, IDF

I served my military service in strategic planning department, GIS team. During my service I was involved into:

- ❑ Developing project and metadata management extensions for ESRI ArcGIS that helped speed up our GIS team's work
- ❑ Maintaining ESRI products with Oracle database as a backend

Education

Bar Ilan University

1999 - 2003

Bachelor of Science, Mathematics and CS

Projects



ViyaDB

05/2017 - Present

In-memory columnar analytical data store for unordered data, that enables customer facing ad-hoc analytical queries. I'm founder and lead developer of this open source project.



TL;DR-ify

05/2013 - Present

Web service that helps creating a short link to any text on the Internet. I'm founder and lead developer of this project.



DependencyWatcher

06/2014 - 06-2016

CI service that manages dependencies of software components in your organization.