

David Levy

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Professional Experience

Senior DevOps Engineer (AWS) - TwistBioscience 10/2015 - Current:

Planning and CI/CD and deployment solution for a variety of platforms

Moving from a travise-ci monolith servers to a Containerized solution on Kubernetes with Jenkins for running build.

Working with a variety of platform and languages such as Ruby, Python, Node on the server side, REACT and Angular on the client side

Implementing deployment triggered from Jenkins or Slack using Kubernetes API.

Implementing centralized logging on the ELK stack and monitoring using Prometheus.

Setting up and Maintaining AWS environment using Terraform.

Techologies:

Kubernetes, Docker, Jenkins, Terraform, Packer, aws cli, aws lambda, Redis, mongodb PostgreSQL, elasticsearch logstash, kibana, Python, Celery, Prometheus, grafana.

Distributed hardware testing management system 2/2014 - 10/2015:

Full stack programmer and team leader – Angularjs, MongoDB, Python, Tornado

Designing and implementing a distributed hardware testing management system. Using cutting edge technologies such as Tornado, MongoDB, Celery, for server side, angularjs, websocket, material design and d3 on the client side.

The position required architectural design, technology research, implementation implementation of both server and client side and deployment database and servers. The first version of the software is now in production and more developers have joined the team.

Freelance Programmer 2007 – 2/2014 :

During this period I had change my career and started working as a freelance programmer.

After working with different languages and infrastructure I choose Python/Django/jQuery as preferred language/infrastructure, however during this period I did also projects in other languages.

I have used jQuery and jQuery UI in most of my projects , Lately I have started using jQuery Mobile with Django.

A project for Zoom International Czech Republic

<https://portal.zoomint.com/>

Designing and implementing a Django/Python Portal synchronized with Salesforce using enterprise API.

Application & Technologies:

Django, Python, Twitter Bootstrap, jQuery, jQuery Mobile, Phonegap, Angularjs
Google App Engine

Databases:

MySQL, PostgreSQL, Oracle,

LogicaCMG, Prague, Czech Republic

2004 – 2007

Project Manager

- ? Leading the projects of the sustaining and support team.
- ? Products: Telepath, SMSC, Business Tools, USSD.
- ? Leading projects together with regional LCMG teams.
- ? Managing the transfer of product maintenance to Bangalore LogicaCMG office.
- ? Participating in R&D Release Project meeting to assess the support aspect of a new release.

Followap

2001 – 2003

Product Manager

- ? iFollow's Product Manager:
 - o server side applications: billing, integration with NMS systems & multi domain interface
- ? Working closely with Vodafone Spain (Airtell) project manager, supervising the first launch of iFollow for Vodafone Spain's customers
- ? Writing Product documentations
- ? Answering RFIs and RFPs
- ? Presenting Followap's product to potential customers.

Comverse

2000 – 2001

Product Manager

- ? Mega.Flow carrier grade WAP Gateway Product Manager.
- ? Planning product roadmaps and development plans
- ? Writing presentations, white papers and product descriptions
- ? Planning product compatibility for GPRS and 3G networks
- ? Integrating Mobile Internet Solutions with other Comverse Products such as Mobile Call Manager, PerSay (Speech recognition solution) Speech Portal and Unified Messaging
- ? Presale activities responsibility for the Japanese market

AH Systems, Cardiff, UK

1999 – 2000

Project Manager

- ? Design and implementation of the IR regime compliance module of a Pension and Retirement application
- ? Responsible for the "Meta Data" a set of parameters that enabled changing software behavior.
- ? Technical experience: C++, PowerBuilder , ASP, SQL Server

VocalTec

1995 – 1999

Software engineer

- ? Member of the VocalTec Addressing server team:
 - o Design and implementation of a TCP/IP server for addressing, authentication, and authorization (Server implementation in C++ on a UNIX and Windows NT platform)
- ? Planning a replicated database system for VoIP Gatekeeper
- ? Research on database vendors (Oracle, Sybase, Informix and Microsoft): replication capabilities,.
- ? Design and implementation of:
 - o generic database abstraction layer, enabling any C++ (COM) object to retrieve data
 - o distributed Database system with Oracle

NewLook

1992 – 1995

Software Engineer

- ? Design and implementation of the following modules:
 - o Accounting Application (for High-Profile Companies), using

- power builder as a front-end & Sybase as a back-end
- software data structure tables
- PowerBuilder common objects for the project

Education

Bar-Ilan University Mathematics & Computer Science 1991 - 1993

Languages

English, Hebrew, Italian, French