

Summary of skills

Result oriented approach.

Leading projects from conception to launch.

Overall responsibility for customers' satisfaction.

Leadership and overall responsibility for subordinates.

Over 25 years of UNIX and Linux platforms administration.

Expertise in massively high availability, scalable, real-time and fault tolerant systems.

Excellent technical skills in cloud technologies.

Real life experience in automating workload.

Management & IT

Programming

Python, R, Erlang, Ruby, Javascript, Bash Scripting

Databases

PostgreSQL, DuckDB, Riak, Mnesia, MongoDB

Operating Systems

Linux, IBM AIX, HP-UX, FreeBSD

Automation

Ansible, Tcl/Tk, Expect

Cloud Technologies

Docker, Kubernetes, Grid Computing, Distributed File Systems, Datalakes

Management

Fostering creativity & innovation

Coaching & developing others

Driving and implementing changes

Languages

English, French, Hebrew - All spoken to mother tongue level

Czech - Beginner level

Employment

Solution Architect - Associate Director Chief Data Office

Sept 2022 - Present

IBM / Kyndryl

Simplifying and transforming a data legacy platform from IBM in order to integrate it into the strategic enterprise platform for data and analytics.

It allows all stakeholders to have access to the curated data and provide a single source of truth for finance, labour, sales, operational excellence etc...

700+ applications and their databases are moved to this data platform resulting in a massive simplification of tools used, improved reporting accuracy and cost cutting through pooling and centralisation of resources.

Simplifying and transforming a data legacy platform from IBM in order to integrate it into the strategic enterprise platform for data and analytics.

Data Engineer / Data Scientist / Architect - Associate Director

Sept 2019 - Present

IBM / Kyndryl

I am involved in two strategic applications as a Lead Architect in the CTO, and as a Solution Architect in the CDO. Using R to build ETL pipelines gathering financial, labour, operational excellence (etc...) data from various databases (DB2 and PostgreSQL), cleaning and shaping it, as well as improving the pipelines' performance for dealing with millions of rows (reusable code is then put inside R/Python packages).

Those pipelines, once tested, are scheduled with Apache Airflow/Argo Workflows, and run on a kubernetes cluster on IBM/Azure cloud.

The data is then analysed, and we build the correct visualisations with Apache Superset/Javascript/Power BI to support IBM/Kyndryl executives to ask the relevant questions. Various Machine Learning algorithms are then applied to the data to provide predictive insight.

Service Integration Leader - UNIX

Oct 2016 - Apr 2020

IBM

Responsible for the end-to-end delivery of IT services for an international retail account.

Day to day functional guidance to various teams (admins UNIX, Oracle administrators, LDAP administrators etc...) totalling ~ 300 administrators on an infra of ~ 15K servers with various operating systems such as AIX, HP-UX, and RHEL.

Ensuring that service levels are maintained and continually improved, and that any problems with the day-to-day delivery of services are minimized. Broadest authority on the technical strategic direction on the client's infrastructure.

First Line Manager - BT Unix L2 & Admin UNIX L2/L3
Jul 2016 - May 2017
IBM

First Line Manager - IBM Command Centre
Jul 2015 - Feb 2017
IBM

Team Leader - IBM Command Centre
2014 - 2015
IBM

IBM - Operations Production Analyst (UNIX)
2012 - 2014
IBM

Entrepreneur / Programmer
2003 - 2011
Freelance

Education

2021

Financial Trading in R - [show](#)

Datacamp

2020

Machine Learning Scientist with R - [show](#)

Datacamp

2020

Data Scientist with R - [show](#)

Datacamp

2019

Professional Certificate in Data Science - [show](#)

Harvard University (HarvardX)

Includes all the following courses:

PH125.1x: Data Science: R Basics - [show](#)

PH125.2x: Data Science: Visualization - [show](#)

PH125.3x: Data Science: Probability - [show](#)

PH125.4x: Data Science: Inference and Modeling - [show](#)

PH125.5x: Data Science: Productivity Tools - [show](#)

PH125.6x: Data Science: Wrangling - [show](#)

PH125.7x: Data Science: Linear Regression - [show](#)

PH125.8x: Data Science: Machine Learning - [show](#)

PH125.9x: Data Science: Capstone Project - [show](#)

ADM-221 - Hadoop Data Platform: Administration foundations - [show](#)

Hortonworks University

2016

MD102: Manager Impact through Signature Experiences

IBM

2015

ITIL v3.0 Foundation

IBM

2014

MD002 - Aspiring Manager Assessment and Development Program

IBM

1993 - 1995

Technician Diploma - Electrical Engineering

Kfar Batia College Israel

1991 - 1994

High School Matriculation & Technological Diploma

Kfar Batia College Israel

Interests

Reading

Politics, Economics and Middle East

Music

Saxophone playing and music theory

Sports

Boxing, Rugby, and various martial arts