Eli Mayost

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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.

Technical proofreader for manning.com

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

Site Reliability Engineering
Mar 2024 - Present
Future plc

Solutions Architect - Associate Director Chief Data Office
Sep 2022 - Feb 2024
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.

DevOps / Data Engineer - Associate Director
Sep 2019 - Sep 2022
IBM / Kyndryl

I was involved in two strategic applications as a Lead DevOps in the CTO, and as a Lead Data Engineer in the CDO.
Using R to builtd 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.
Provisioning of nodes, deployment automation and monitoring of the various pods making up the final solution.
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 (UNIX administrators, 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 minimised. Broadest authority on the technical strategic direction of 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

2025
HashiCorp Certified: Terraform Associate (003) - show
Hashicorp

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