

## 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