

Alex John Bush

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EMPLOYMENT HISTORY

KPMG New Zealand

Associate Director
Senior Manager
Manager

From August 2019 to now

From April 2022 to now

From April 2021 to March 2022

From August 2019 to March 2021

Cox Automotive

Lead Data Engineer
Hadoop DevOps Engineer

From November 2016 to August 2019

From April 2018 to August 2019

From November 2016 to March 2018

Hortonworks

Senior Consultant

From December 2015 to November 2016

British Gas

Hadoop Platform Engineer
Graduate Hadoop Software Developer
Graduate SAP Developer

From September 2013 to November 2015

From January 2015 to November 2015

From May 2014 to January 2015

From September 2013 to May 2014

EDUCATION

MPhys, Masters in Computational Physics with Honors

University of Edinburgh

Masters Project: Radiative Transfer on GPUs using NVIDIA CUDA

Senior Honors Project: Lattice QCD on GPUs using NVIDIA CUDA

CERTIFICATIONS

Microsoft Certified: Azure Solutions Architect Expert

Microsoft

Valid from February 2022 to February 2023

Microsoft Certified: Azure Data Engineer Associate

Microsoft

Valid from April 2020 to April 2023

Microsoft Certified: Azure Developer Associate

Microsoft

Valid from February 2022 to February 2023

Microsoft Certified: Azure Cosmos DB Developer Specialty

Microsoft

Microsoft Certified: DevOps Engineer Expert

Microsoft

Valid from January 2022 to January 2023

Microsoft Certified: Azure Security Engineer Associate

Microsoft

Valid from September 2020 to September 2022

Microsoft Certified: Azure Administrator Associate

Microsoft

Valid from January 2022 to January 2023

AWS Certified Big Data – Specialty

Amazon Web Services (AWS)

Valid from January 2020 to January 2023

Valid from **June 2022** to **June 2023**

HDP Certified Administrator

Hortonworks

Valid from **April 2016** indefinitely

TECHNICAL SKILLS

Data Engineering

Apache Spark, SQL, Hive, and
Databricks

Cloud Engineering

Azure and AWS

Infrastructure / Platform

Linux / Unix, SSL / Certificates, and
Networking

Software Engineering

Scala, Python, C#, TypeScript, and
Functional Programming

DevOps / Automation

Azure DevOps, Azure Pipelines, ARM /
BICEP, Bash, Github, Github Actions,
and Pulumi