

Jordan Plummer

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SUMMARY

Experience of over 20 years in the **Information Technology** space starting from **DataCentres** in the first ten years to **AWS & Azure Cloud** as a seasoned contractor providing automation, Digital Transformation, Migration, Optimization, Continuous integration and Information security for the last 9 years.

I have worked in different capacities facilitating clients. Some of those are **Platform Engineer, DevOps, DevSecOps, DevOps lead, DevOps Manager, Tech Lead, SME** and **Consultant** in the industry. I pride myself on the technical breadth and depth capability reflecting on the committed passion I hold for the industry.

QUALIFICATIONS

Microsoft Azure	Amazon Web Services AWS
<ul style="list-style-type: none">• Azure Cyber Security Architect Expert• Azure 305 Solutions Architect Expert• Azure 400 DevOps Engineer Expert• Azure 500 Security Engineer Associate• Azure 104 Administrator Associate• Azure 204 Developer Associate• Azure 900 Data Fundamentals• Azure 900 AI Fundamentals• Azure 900 Fundamentals	<ul style="list-style-type: none">• AWS Solutions Architect Professional• AWS DevOps Engineer Professional• AWS Solutions Architect Associate• AWS SysOps Administrator Associate• AWS Cloud Practitioner

Expertise

<ul style="list-style-type: none">• Vendors : Microsoft Azure, Amazon Web Services, OVH, Hetzner.• Virtual : Esxi, Vsphere, HyperV, Virtual Box, Vagrant, Docker, DCOS, Docker. Rancher.• Continuous Integration and Delivery : GitHub actions, Azure DevOps, Jenkins, Teamcity, Octopus Deploy, CircleCI.	<ul style="list-style-type: none">• Configuration Management : Ansible, Packer, puppet, Bash.• Infrastructure as code : Terraform, Azure Resource Manager, Cloudformation,• Services : Logentries, GitHub, Bit Bucket, GitLab,, Slack, Teams, Jira, MongoLabs, Trello, DNsimple, Dyn, Boundary, Panopta, Graphite, Nagios,	<ul style="list-style-type: none">• Windows : Windows 7, 8.1,10, Window Server 2003 SP1- 2008 R2 SP1 2012, 2016, 2020 . <i>Experience with : IIS, SQL,TCP/IP, FTP, RDP, CMD, Powershell, MSSQL</i>• Linux : CentOS, Fedora, Debian, Ubuntu, RHEL, <i>Experience with : SSH, Yum, Rpm, Mysql, PostgreSQL, Php, Apache, Nginx, Haproxy.</i>
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EMPLOYMENT

Lantern.ai

[CONTRACTOR] AZURE DEVOPS CONSULTANT | 02/2024 - 05/2024

Lantern is a data science and insights initiative in cloud providing intuitive data products and visualizations utilising Azure OpenAI and Machine Learning methods against language models for smarter and predictable output from data. **My Role** was to provide azure consulting expertise to provide solutions and DevOps best practices to implementing those solutions.

- **Azure** : Active Directory – Identity Access Management - Azure PIM - Azure App Service - Azure App Gateway - Azure Kubernetes Service [AKS] - Virtual Machines - DNS Zones - Azure FireWall - Azure Monitor - Azure Open AI - Azure Open AI Search - Azure DataLake - Synapse - Azure DataBricks,
- **APPS** : GitHub - Git Actions - GitOps - Hashicorp Terraform - Atlantis - Flux CD - Jira, Docker - Kubernetes - Helm - Kubectl

- Contributed in the GitOps space utilizing **Terraform Atlantis and flux CD** for Git managed automatic code testing / approval, increasing infrastructure and application cadence releases.
- Contributed to existing **infrastructure as code backlogged** work and created new templates whilst improving reusability modular approaches from monorepo to polyrepository approaches.
- Became the lead individual for executing **multi environment releases** including production reducing the backlog between multiple teams.
- Supported the ML team as DataOps providing sandboxed based data driven environments for model testing **utilizing Synapse data warehouse and Databricks**.
- Assessed and **revised architecture solution design** for landing zone refinement addressing security and costing optimization improvements of up to 32%
- Assessed, and implemented a centralized custom configured event logging and metrics monitoring **solution for multiple teams** in drilling and tracking events, Resource management on a per AKS pod level with grafana in cloud.
- Provided extensive **documentation for continuity** of unique Azure ML AI with data concept usages as well as improving previous documentation around automation, DevOps and release approaches.

FinLegal

[CONTRACTOR] AWS DEVSECOPS ENGINEER | 11/2023 - 02/2024

FineLegal is an international automated information gathering platform for claimants, Law firms and class action administrators adhering to high security standards and compliance frameworks in public cloud. **My role** was to provide expertise surrounding security in the cloud and implement improvements of security to the company.

- **AWS** : *Virtual Private Cloud – Elastic Container Service – Elastic Container Registry – Relational Database Service – Identity Access Management – Application Load Balancer – Simple Storage Service – Route 53 – Guard Duty – Inspector – Security Hub – Config – Organisational Units – Secrets Manager*
- **APPS** : *Hashicorp Terraform & Packer – Docker Compose – Nessus – Snyk – Veracode – Git – Git Hub – Grafana – NMAP – Linux*
- Defined the aggregated automated compliance framework testing approach covering **CISA, SOC2, CIS, GDPR, AWS, AWS WAF, ISO, and NIST CSF**, against cloud estate providing insights, awareness and a roadmap.
- Provided continuous integration, development lifecycle, deployment standards with **improved security gateways** of container scanning, code analysis and integration testing standards for Infrastructure as Code increasing security and quality code standards.
- Providing IaaS PaaS and SaaS based **security scanning solutions** expertise identifying potential threats and vulnerabilities in different parts of the services utilised.
- Reviewed and implemented **IAM, RBAC and Zero trust** [Least Privilege] based approach for user and policy management.
- Extensive **Infrastructure As Code** overhaul decoupling complexity in microservice and N-tier based architecture reducing nested stack and custom modules.
- Provided **Configuration Management scripts** for hardening containers from CIS and OWASP to be a part of the continuous integration Fargate ECS pipeline process..
- High quantity and **comprehensive documentation** provided, facilitating all work done documented, Roadmaps, Backlogs, Diagrams, Access and onboarding for individuals providing business continuity.

Salford University

[CONTRACTOR] AZURE DATA DEVOPS ENGINEER | 03/2023 - 06/2023

Salford University is a high level educational institution providing study for degree level qualifications in manchester. **My role** was acting as a Data DevOps expert in Azure between multiple projects across the organisation, Responsible for resolving and completing the deliverable requirements along with providing guidance and continuity for others to understand and manage the work conducted.

- **AZURE :** Azure DevOps – Resource Groups – Active Directory – Identity Access Management – Azure Resource Manager – Defender – APP Service – Functions – Virtual Machines – VNET – Storage – Traffic Manager – Scheduler – Azure SQL — Data WareHouse – DataBricks – Azure Migration Service – Key Vault
 - **APPS :** Hashicorp Terraform – Jira - Confluence – ARM – BICEP – Visual Studio – Windows OS - Linux – Docker – Git – ADO
- Collaborated in the design and implementation of the universities multi region Landing Zone estates under the Azure **Cloud Adoption Framework [CAF]** using ADO pipelines and Infrastructure As Code.
 - Directly involved in a project for migrational requirements of **Datacenter to Cloud** based approaches assessing the current state and providing a seamless secure migrational path.
 - Provided [ADO] continuous integration and **delivery of multiple ETL based projects** utilising Databricks Python based Notebooks, Data factory and Lake.
 - Created a unified cross project reusable repository of **infrastructure as code** based modules for organisation wide adoption to deployment standards.
 - Developed query based **Python and SQL based scripts** validating data output on Azure Devops Pipelines.
 - **Upskilled SRE's** in management of ADO pipeline usage and management with infrastructure as code based development.
 - Managed the clients **3rd party engagement** and expectations/governance towards project deadlines, mitigating potential setbacks for project delivery.

Charity Commission

[CONTRACTOR] **LEAD AZURE DEVOPS ENGINEER** | 12/2022 - 03/2023

The **Charity Commission** is a registrar and regulates charities the public can support with confidence maintaining good standings in England and Wales of charities. **My role** within the Charity Commission was to provide Digital Transformation efforts and an initiative to lead for cloud and Migration under DevOps best practices.

- **AZURE :** Azure DevOps – Resource Groups – Active Directory – Identity Access Management – Azure Resource Manager – Defender – APP Service – Functions – Virtual Machines – VNET – Storage – Traffic Manager – Scheduler – Azure SQL — Data WareHouse – DataBricks – Azure Migration Service – Key Vault
 - **APPS :** Hashicorp Terraform – ARM – Visual Studio – Windows OS - Linux – Docker Compose – Git – ADO – KubeCTL — Azure CLI
- Defined early stages **DevOps and Azure standards to stakeholders** ready for project by project implementation of infrastructure as code and Azure devops pipelines to increase delivery.

- Highlighted in assessment and reported an overspend in Azure by 38%, **Provided a roadmap for optimization** to reduce costs in [OpEx] operational expenditure.
- Provided Skill Gap analysis and **Upskilled a team of 4 IT Ops** supporting their academic awareness of Azure and Cloud and contributing to ADO and Infrastructure as Code.
- Implemented cross project module driven **collaborative terraform management** and deployments in Azure using Azure DevOps pipelines, allowing other teams to collaborate and reuse.
- Directly implemented **continuous integration standards** for the team and projects around, code coverage, static code analysis, automated testing, artefact management, automated deployments.
- Provided PaaS and IaaS cloud expertise for the organisation, Utilising [AKS] **Kubernetes for containerised releases** as well as Serverless based resources in Azure for increasing capability and scale.
- Managing **3rd party consultancy engagement** on projects to centralise development flow into Charity Commissions ownership.

Machines With Vision

[CONTRACTOR] AWS DEVOPS ENGINEER | 07/2022 - 11/2022

Machines with Vision is a startup based company working with public and private sector clients providing a solution in geographic information systems in AWS with trains that are on the move. **My role** was to provide automation in cloud using infrastructure as code and configuration management tool sets under best practices in short streamlining deployments on a per client basis.

- **AWS :** *Virtual Private Cloud – Elastic Kubernetes Service – Elastic Container Registry – Internet Gateway – Relational Database Service – Identity Access Management – Application Load Balancer – Simple Storage Service – LAMBDA – CloudFront – Secrets Manager*
- **APPS :** *Hashicorp Terraform & Packer – Docker Compose – Git – Git Hub – ELK*
- Presented and implemented the angle of approach for deployments with **Infrastructure As Code** and configuration management.
- Provided **multi development lifecycle environments** for promotion of code testing and validation showing feature based release cadences and collaboration.
- Provided a **continuous integration test, delivery** pipeline of containerised services for collaborative version based releases. Keeping code and deployments central.
- Provided **automated scalable, secure, production** based environments under a reusable repeatable framework.
- Provided **PaaS and IaaS cloud expertise** identifying the best solutions in engaging collaborative ways considering Opex and Capex, projected technical debt towards AWS services and devops toolsets.
- Created **security compliance audits**, maintaining security access for all cloud based resources. Placing all data logs to one application safe for running queries for analysis.

- Provided high level detailed **topologies and documentation** on infrastructure and customer journeys providing a full comprehensive understanding of network infrastructure layouts.

Care Quality Commision

[CONTRACTOR] **AZURE DEVOPS LEAD ENGINEER** | 05/2022 - 07/2022

The **Care Quality Commission** is an executive public body of the Department of Health and Social Care providing effective independent inspections and ongoing monitoring ensuring standards of healthcare are being met. **My role** as DevOps Lead was to manage a DevOps team and manage them between multiple projects, create and maintain a presence for automation and hold a high security standard in public cloud.

- **AZURE :** *Tenants – Subscriptions – Resource Groups – Identity and Access Manager – RBAC – Azure DevOps – Azure Resource Manager – Azure Kubernetes Service – Blob Storage – Functions – Virtual Machines – App Service – Traffic Manager – Scheduler – Azure SQL – Synapse – Azure BI*
- **APPS :** *Visual Studio – Management Studio – KubeCTL – Azure CLI – Terraform – Git*
- Providing evangelistic **collaborative leadership** approaches empowering the DevOps team with different skilled backgrounds. Creating goals everyone can contribute to and be involved in.
- Interim responsibility for managing cloud resourcing estate estimated £7.2 million per year with a natural scaling growth of 4% month on month. **Responsible for technical debt and Opex optimisation** to keep resourcing lean and manageable between the team.
- Involved in implementing **Cloud Adoption Framework** and adhering to **Well architected Framework** principles for Azure with the organisation and DevOps team.
- Defining **DevOps best practices** and the methodologies to adopt given the use case on a per project basis. Creating organisational standards through collaboration and consensus. Identifying continuous integration and delivery processes along with automation in the cloud.
- Improved the **Infrastructure As Code** and provisioning of software on containers under IAAS and PAAS improving the existing environments to reflect new services/applications in the environments.
- Responsible for managing **external expectations from stakeholders** for projects in cloud, Detailing requirements and establishing a strong presence for DevOps standards as well as resources on projects acting as a scalable function.
- **Manage, organise, mentor** and lead a team of devops engineers with contrasting expertise as well as interviewing new candidates for roles to help manage the scaling requirements of CQC.
- Provided detailed levels of **documentation and topologies** depicting on a granular level the build process and involvement in creating the environments on a per project basis.

Blue Motor Finance

Blue Motor finance is one of the leading fintech and fast growing companies in the UK. Key focus around technical innovation, risk management and standards around financial regulatory compliance. **My role** was to guide but also be hands on in implementation of public cloud and automation for faster secure delivery processes.

- **AWS :** *Organisational Units – Direct Connect – Elastic Kubernetes Service – Internet Gateway – Elastic Compute 2 – Security Groups – Route 53 – Simple Notification Service – Simple Queue Service – Amazon Machine Images – Identity and Access Management – Application Load Balancer – Simple Storage Service – LAMBDA – CloudFront – Secrets Manager*
- Mapping out **multiple greenfield based POCs**, defining them in public cloud for the company providing toolset, security, and development process visibility.
- Guided the approaches for **digital transformation** for public cloud under continuous integration, automation reusability, security tooling standards across the business.
- A greenfield **consultative approach to infrastructure as code** for the global business, providing options towards infra as code methods of approach, modular reusability advantages, security standards, and collaborative approaches to microservice multi environment setups.
- Implemented a full HA FO scalable open source .NET **continuous integration and delivery platform** as a global business solution for all development teams to utilise adhering to a centralised way of working with agreed company standards.
- Worked in **coherence with developers** around creating environmental automated management of deployments and configuration.
- Implemented all the **architecture in AWS using terraform** so that the developers could continue thereafter at the interest of business continuity
- Provided best practice around AWS productionised **multi layered/tier environments** with PCI and IL4 in mind.
- Providing full insight of **aggregated server logging data** and providing information to teams and to the clients within a PCI compliant environment.

Cloud EQ

Cloud EQ is a globally recognised digital consultancy providing digital transformation resources to projects with specific expertise for worldwide recognisable brands. Cloud EQ was awarded a Mcdonald's international contract whereby **My role** was to lead that project creating a highly capable functioning cloud EQ DevOps team to manage the cloud adoption process into serverless CI of over 80 development teams.

- **AWS :** *Organisational Units – Direct Connect – Elastic Kubernetes Service – Internet Gateway – Elastic Compute 2 – Security Groups – Route 53 – Simple Notification Service – Simple Queue Service – Amazon Machine Images – Identity and Access Management – Application Load Balancer – Simple Storage Service – LAMBDA – CloudFront – Secrets Manager – Security Hub*
- **AZURE :** *Azure DevOps – Resource Groups – Active Directory – Identity Access Management – Azure Resource Manager – Defender – APP Service – Functions – Virtual Machines – VNET – Storage – Traffic Manager – Scheduler – Azure SQL – Data WareHouse – DataBricks – Azure Migration Service – Key Vault*
- **APPS :** *Git – Git Hub Enterprise – Git Hub Actions – Nessus – Snyk – Veracode – Sonarcube – Artifactory – Ansible – Terraform & Packer – Linux – Windows – Chocolatey – Docker.*

- Being the **Subject Matter Expert for DevOps** methodologies - Source code management - Continuous Integration - Infrastructure as code - Configuration management.
- **Leading parallel projects** providing scope of intended work with multiple teams of different skillset expertise identifying their devops requirements and delegating to the internal team for development.
- Involved in engineering, **conceptual, architectural design** and implementation of work in cloud on a case by case basis in Azure and AWS.
- **Internal Infrastructure as code** enterprise level management and rollout of standards and reusability for increased efficiency.
- Internal Configuration Management of **OS hardening standards utilising OWASP and CIS** scripted testing, Providing golden sample images for official McDonalds IaaS usage.
- Provided serverless CI **branching strategy approaches** on a case by case basis given the teams scenario for delivery expectations and expected cadences.
- Created **serverless CI and CD** tools defined for organisation wide usage, established and documented under internal management ready for external team by team adoption.
- Responsible for high level compliance of **Well architected Frameworks between two vendors AWS and Azure**, Ensuring isolation on a per project basis and organisational management of services and teams.
- **Fixing unwavering standards** to continuous integration security gateways for IaaS, PaaS and Serverless vendor services as well as integration and hardening of containers with vulnerability scanning approved toolsets.
- A judge for a **global hackathon event** for a long standing brand with thousands of participants and entrants.

Sage

[CONTRACTOR] **SENIOR DEVOPS CONSULTANT** | 01/2021 - 04/2021

Sage, A british international enterprise software company mostly existing in the financial accounting, payroll sector for companies of any size worldwide. **My role** was to advise stakeholders (PO's) on a simplified, more improved

approach for delivery on projects against their current use case scenario, recognising potential constraint, tech debt and opex requirements for changes.

AWS : Organisational Units – Direct Connect – Elastic Kubernetes Service – Internet Gateway – Elastic Compute 2 – Security Groups – Route 53 – Application Load Balancer – CloudFront – Guard Duty – Inspector – Security Hub – CloudFormation

AZURE : Azure DevOps – Azure Resource Manager – Virtual Machines – Traffic Manager – Active Directory – Key Vault – Azure SQL – VNET

APPS : Visual Studio – Management Studio – Terraform – AWS CLI – Azure CLI – KubeCTL

- High level involvement in **infrastructure as code kubernetes microservice** based projects for implementation and promotional processes within environments for teams on AWS and AZURE.
- Recognizing technical long term constraints against specific projects pipelines and platforms across **AWS and AZURE continuous integration and deployment**, Documenting and providing consultative solutions to stakeholders for revised suggested improvements.
- Defining **best practice standards for Sage DevOps** excellence with continuous integration, toolsets, methodologies for collaboration along with toolset acceptances..
- **Comprehensive architectural diagrams** and documentation work for solutions and providing insight for previous work at the interest of business continuity. Presenting solutions and demoing toolset choices for others to approve.
- Working with teams directly **resolving their immediate technical conflicts/issues** and being a go to consultant for identifying how each use case should be productionised.
- Involved in **creating quality and security gateways** governed by management. Advocating improved continuous integration, deployment, credentials security standards between teams .

Project-75 | Contractor –

AWS - AZURE DevOps Lead Consultant
FEB 2019 - JAN 2021

Atom Bank | Contractor

AWS DEVOPS LEAD
JULY 2016 - OCT 2016

REPLY Consultancy | Contractor

AZURE DEVOPS ENGINEER
NOV 2018 - JAN2019

Valtech Consultancy | Contractor

AWS DEVOPS LEAD
SEPT 2015 - JUNE2016

DWP | Contractor

AWS DEVOPS ENGINEER

JULY 2018 - SEPT 2018

EDF | Contractor

AWS DEVOPS ENGINEER

MAY 2017 - JUNE 2018

DevOps Consultancy | Contractor

AWS - AZURE CLOUD CONSULTANT

JULY 2016 - JULY 2017

Wejo | Contractor

AWS DEVOPS ENGINEER

JUNE 2015- AUG 2015

Living Lens | Contractor

AZURE DEVOPS ENGINEER

MAR 2015- JUNE 2015

Code Computer Love | Employed

HOSTING TECHNICIAN

DEC 2014 - FEB 2015

iVendi | Employed

IT OPERATIONS

MAR 2014 - DEC 2014

EDUCATION

Elton High School

1994 - 1999

6 GCSE'S (A to C)

- English
- Maths
- Double Science
- History
- IT

The University of Manchester

1999 - 2003

- GNVQ IT Foundation
- GNVQ IT Intermediate
- GNVQ IT Advanced

These courses covered a wide range of topics including –

- Information Technology Systems

- Using Information Technology
- Organisations and IT
- Communications and Networking
- Systems Analysis
- Software
- Database Development
- IT Projects and Teamwork