

Ana Cordova

Senior Cloud Engineer

SUMMARY

- Cloud Engineer with 5+ years specializing in Azure cloud solutions, infrastructure automation, and CI/CD pipeline development using Bicep, ARM, and Azure DevOps.
- Led complex projects including migration of 283 microservices to Azure Landing Zones, optimizing network architecture with VNet peering, Azure Firewall, and Private DNS Resolver.
- Proficient in IaC, DevOps practices, and troubleshooting PaaS services in hybrid environments, reducing MTTR and enhancing platform performance.
- Experienced with Azure Data Platform, Kubernetes (AKS), and multi-cloud integration (Azure, GCP, AWS) supporting scalable, secure architectures.
- Skilled in PowerShell, Azure CLI, Terraform, YAML pipelines, and monitoring tools like Splunk and Datadog, driving automation and operational excellence.

TECHNICAL SKILLS

Main Technical Skills	Azure (4 yr.), Azure DevOps (4 yr.), Bicep (2 yr.), Azure Arm templates (4 yr.), YAML (4 yr.)
Programming Languages	VBA (4 yr.)
.NET Platform	Azure (4 yr.), VBA (4 yr.)
JavaScript Frameworks	Express, Node.js, React
Data Analysis and Visualization Technologies	Azure Data Factory (2 yr.), Microsoft Azure Synapse Analytics (2 yr.)
Security	OWASP
Databases & Management Systems / ORM	Microsoft Azure SQL Server (2 yr.), MongoDB, MySQL (4 yr.)
Cloud Platforms, Services & Computing	Azure (4 yr.), PagerDuty (2 yr.)
Azure Cloud Services	AAD (2 yr.), Azure App Services (4 yr.), Azure Arm templates (4 yr.), Azure Blob Storage (4 yr.), Azure Cloud Functions (4 yr.), Azure Data Factory (2 yr.), Azure DevOps (4 yr.), Azure Key Vault (4 yr.), Azure Kubernetes (2 yr.), Azure log analytics (4 yr.), Azure Monitor (2 yr.), Azure Service Bus (4 yr.), Azure VM (4 yr.), Microsoft Azure SQL Server (2 yr.), Microsoft Azure Synapse Analytics (2 yr.)
Amazon Web Services	AWS Route 53 (2 yr.)

Deployment, CI/CD & Administration	Active Directory, Ansible (2 yr.), Automation deployment CI, CD, Azure Arm templates (4 yr.), CI/CD, Octopus Deploy (2 yr.)
Methodologies, Paradigms and Patterns	Agile, Waterfall
SDK / API and Integrations	API (4 yr.), Winforms (4 yr.)
Collaboration, Task & Issue Tracking	Atlassian Confluence (4 yr.), Jira (4 yr.)
Logging and Monitoring	Azure Monitor (2 yr.), Datadog (2 yr.), PRTG (2 yr.), Splunk (2 yr.)
Mail / Network Protocols / Data transfer	Cisco, FortiGate
Version Control	Git (4 yr.)
Web/App Servers, Middleware	Nginx (2 yr.)
Platforms	Quadient Inspire (2 yr.)
Virtualization, Containers and Orchestration	VmWare (2 yr.)
Other Technical Skills	AD, Azure Migrate (2 yr.), Brocade, Dell Sonicwall, NetApp

WORK EXPERIENCE

Senior Cloud Engineer - Gate7 IT Solutions (BackScan Document ID Recognition)

Duration: June 2022 – Present

Summary:

- A project to extract document IDs from over 3 million PDF pages of back scanned documents from 15,000 customers using Azure cloud services
- The goal was to automate document processing and improve data accessibility

Responsibilities:

- Collaborated with Data Team and Senior Data Engineer to design the technology stack.
- Implemented a multi-staged CI/CD solution with ARM Templates for infrastructure deployment.
- Deployed Azure Cognitive Search, Azure Functions, and other Azure resources.

Technologies: Azure Cognitive Search, Azure Functions, ARM Templates, CI/CD pipelines

Senior Cloud Engineer - Gate7 IT Solutions (Gateway Uplift)

Duration: June 2022 – Present

Summary: Re-architected middleware running 283 microservices and interfaces to migrate from legacy Azure infrastructure to modern Azure Landing Zones, improving scalability and



maintainability.

Responsibilities:

- Collaborated with Integration and Architecture Teams to build four new environments.
- Deployed Azure Landing Zone resources using Azure DevOps Pipelines.
- Created and updated Bicep modules and YAML pipeline definitions for multi-stage CI/CD.
- Gathered networking requirements and mapped network flows between Azure, on-premises, and GCP.
- Configured NSG, Azure Firewall, VNet peering, and UDRs for secure communication.
- Troubleshoot and resolved performance issues post-migration.
- Collaborated with Microsoft Support to analyze telemetry and improve platform performance.

Technologies: Azure App Service Environment V3, Azure DevOps Pipelines, Bicep, YAML, Azure Key Vault, Application Gateway, WAF, NSG, Azure Firewall, VNet peering, UDRs, Azure Landing Zones

Senior Cloud Engineer - Gate7 IT Solutions (Azure Data Platform)

Duration: June 2022 – Present

Summary: Supported deployment and operation of Azure Landing Zones for a data platform across multiple environments to enable scalable and secure data services.

Responsibilities:

- Defined requirements and provided input for networking modifications.
- Deployed Azure Landing Zones via Azure DevOps pipelines for DEV, TST, PRE, and PRD environments.
- Participated in daily stand-ups to gather requirements and resolve blockers.

Technologies: Azure Landing Zones, Azure DevOps Pipelines, Networking

Senior Cloud Engineer - Gate7 IT Solutions (Landing Zones Uplift)

Duration: June 2022 – Present

Summary: Enhanced platform services by implementing Azure DNS Private Resolver and consolidating Private DNS Zones within a hub-and-spoke network architecture.

Responsibilities:

- Led workshops with Cloud Team to implement Azure DNS Private Resolver.
- Consolidated Private DNS Zones from legacy subscriptions and Landing Zones.

Technologies: Azure DNS Private Resolver, Private DNS Zones, Hub-and-Spoke Network Architecture

Senior Cloud Engineer - Gate7 IT Solutions (Walker Digital)

Duration: June 2022 – Present

Summary: Deployed IaaS infrastructure and network connectivity solutions to support tracking of chips in table games across multiple casino locations and integrated with Google Cloud Platform.

Responsibilities:

- Gathered requirements with vendors and Solution Architects.
- Deployed infrastructure resources across availability zones.
- Implemented network changes for communication between Melbourne and Sydney casinos and GCP integration.



- Coordinated with internal networking team to define connectivity and port requirements.

Technologies: IaaS Infrastructure, Networking, Google Cloud Platform

Cloud Engineer - MUNPEC (Web Infrastructure Modernization)

Duration: June 2020 – May 2022

Summary: Modernized the web infrastructure by migrating from a single on-premises IIS server to a scalable pool of IIS servers in Azure Availability Zones behind Azure Application Gateway to improve availability and performance.

Responsibilities:

- Led incident response and communicated platform engineering progress.
- Architected and deployed new front-end solution in Azure.

Technologies: Azure Application Gateway, IIS Servers, Azure Availability Zones

Cloud Engineer - MUNPEC (Azure Migration)

Duration: June 2020 – May 2022

Summary: Executed migration of production Analytics Platform to Azure using Azure Migrate, enabling cloud adoption and modernization of analytics infrastructure.

Responsibilities:

- Deployed Azure Migrate and conducted multiple POCs.
- Lifted and shifted production analytics platform to Azure.

Technologies: Azure Migrate, Azure Analytics Platform

Cloud Engineer - MUNPEC (Application Modernization – Assessments)

Duration: June 2020 – May 2022

Summary: Performed discovery and assessment of microservices and monolithic applications to plan migration to Azure, providing effort estimations and migration strategies.

Responsibilities:

- Deployed third-party Microsoft-sponsored discovery tools.
- Assessed source code and database dependencies.
- Delivered migration assessments and effort estimations to development team.

Technologies: Microsoft Discovery Tools, Azure Migration Assessment

Cloud Engineer - MUNPEC (PCI DSS – Firewall Enhancements)

Duration: June 2020 – May 2022

Summary: Enhanced firewall configurations to improve security posture and meet PCI DSS compliance requirements by restricting unauthorized protocol access.

Responsibilities:

- Designed and applied firewall changes in UAT environment.
- Coordinated with stakeholders on change stages and troubleshooting.

Technologies: Firewall Configuration, PCI DSS Compliance



EDUCATION

- **Bachelor in Hospitality and Tourism Administration - Le Cordon Bleu**
2015 – 2021

