Colm Sheridan Junior Azure Engineer

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PROFILE SUMMARY

- **Junior Azure Engineer** with **4 years** in IT, the last 2 on **Azure** at **Eli Lilly**, looking after **GxP** lab and manufacturing systems after 2 years as a **Windows systems administrator** at Dell Technologies.
- Works in **identity** (Microsoft Entra ID, managed identities), **IaC** (Bicep), **hybrid** (Azure Arc, Update Manager), **pipelines** (Azure DevOps) and **scripting** (PowerShell, KQL), and holds the **AZ-104**.
- Knows **computer system validation** for GxP apps, writes change records a quality auditor can follow, and builds every environment from **code** so a validated build can be repeated.
- Works with the **site IT** teams at Kinsale and Little Island, **quality assurance** and the central **cloud platform team**, and brings Azure changes to the weekly **change advisory board**.
- Wrote the team's **Azure Arc onboarding runbook**, showed **2 new hires** how to read Bicep what-if output, and is studying for the **AZ-305**.

TECHNICAL SKILLS

Compute & Containers:	Azure Virtual Machines, VM Scale Sets, App Service, Azure Functions, AKS (learning)
Networking:	Virtual Network (VNet), VPN Gateway, private endpoints, Azure DNS private zones, NSGs
Identity & Security:	Microsoft Entra ID, managed identities, Azure Key Vault, Microsoft Defender for Cloud
Governance & Hybrid:	Azure Policy, Azure Arc, Azure Update Manager, Cost Management, Azure Advisor
IaC & CI/CD:	Bicep, ARM templates, Azure DevOps Pipelines, Git
Data & Storage:	Azure SQL Database, Blob Storage, Azure Files, Azure Backup
Monitoring & Scripting:	Azure Monitor, Log Analytics, KQL, PowerShell, Azure CLI

EDUCATION

Munster Technological University — **B.Sc. (Hons) in Computer Systems** — Cork, Ireland · Sep 2018 to May 2022

Microsoft — **Azure Administrator Associate (AZ-104)** — Remote · Mar 2024

WORK EXPERIENCE

Eli Lilly — **Associate Cloud Engineer, Azure** — Cork, Ireland · Oct 2024 to Present

- Set up new lab subscriptions through the team's **subscription vending** pipeline under the GxP management group, with **Azure Policy** tags and expiring exemptions, cutting the wait for an environment from 3 weeks to **3 days**.
- Wrote **Bicep** modules for the validated VM and storage builds that GxP apps run on, with what-if checks in **Azure DevOps** before every release, and **14** app teams now reuse them.
- Moved **60** service principals with stored client secrets to **managed identities** and **Key Vault** references, clearing every expired-secret finding in **Defender for Cloud** before the site's yearly GxP audit.
- Onboarded **212** Windows Server machines at the Kinsale and Little Island sites to **Azure Arc** and moved their patching to **Azure Update Manager**, shrinking the monthly patch window from 3 weekend nights to **1**.
- Found **€86,000** a year in savings by resizing idle VMs from **Azure Advisor** data and switching eligible Windows Server VMs to **Azure Hybrid Benefit**, then set cost center budgets in **Cost Management**.

Dell Technologies — **Windows Systems Administrator** — Cork, Ireland · Jun 2022 to Sep 2024

- Configured the site-to-site **VPN Gateway** and conditional **DNS** forwarders that first linked the Cork test labs to Azure, bringing lab-to-cloud round trips down to **9 ms**.
- Moved 11 internal IIS web apps off Windows Server 2012 R2 hosts to **App Service** plans before their security updates ran out, with page loads falling from 4.1 s to **1.3 s**.
- Wrote **PowerShell** checks for nightly **Veeam** jobs on 400+ servers that opened a ticket for each failure, which cut failed backups from 6% to **under 1%** in a quarter.