Engineer Platform

Owned end-to-end platform deployments to Azure

Owned end-to-end deployments of the platform to Azure, managing releases across development, staging and production environments.

2025

releases shepherded from laptop to production

Situation. The platform had to reach users across several Azure environments, and deployment is the seam where the infrastructure, the build system and the application all meet. It's also where a small mistake stops being a bug and becomes an outage, so it's the part you least want to be doing by hand and half from memory.

Task. Deployment was owned end to end, so that a change moved out to each environment the same predictable way every time.

Action. Releases move along a fixed route — development, then staging, then production — rather than anyone pushing straight to a live environment. CI/CD builds the images and ships them, and the Bicep templates keep the target infrastructure identical from one environment to the next, so a build isn't promoted into a subtly different place each time. Configuration that differs per environment is kept separate from the secrets, which means the same built artefact can be promoted through the environments and just picks up the right settings where it lands, instead of being rebuilt for each one.

Result. Changes reach each environment predictably, along a defined path, with no ad-hoc manual deploys in the mix. Releasing turned into a controlled, repeatable step instead of a held-breath moment, and that's a big part of what kept the live platform stable while it was still changing quickly underneath.

Bring this experience to your project

Use “Owned end-to-end platform deployments to Azure” as a starting point for a similar challenge in your organisation. The services behind this work are available for your project. Servers sized for what you actually use, moved into the cloud or back out of it, with the monthly bill worked out first.

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Look behind the result

Read the situation, decisions and result in this example. We can discuss which parts transfer to your constraints and which need another approach. Owned end-to-end platform deployments to Azure — releases shepherded from laptop to production

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Need confident releases to production?

Talk through your project with the engineer responsible for delivery. We agree the scope, price basis and handover in writing before work begins.

Role context: Site Reliability Engineer. It draws on DevOps, Infrastructure, Cloud, Automation & CI/CD, Reliability & Backups and Security. And while you are here, we are rather good at Cloud Infrastructure & Migration, DevOps & CI/CD Automation and Site Reliability & Monitoring.

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One piece of **a longer record** — and it is all on this site.

Every entry is written the same way: the situation, the task, what we did and what changed.

See the whole record

Define the improvement you need

Bring the deployment path, the operational risks and the people on call. We can scope a change with checks, a recovery route and clear ownership.

See what it costs Get in touch →

Need confident releases to production?

Ask about the decisions behind “Owned end-to-end platform deployments to Azure”. You will speak with the people who can explain the work and assess your own project.

Explore our services

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Carefully Crafted With Love by D.

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