

Wyatt Fry

Senior DevSecOps Engineer

I am passionate about making it easier for developers to safely and quickly deploy their code. I am most skilled in **Azure, Azure DevOps CI/CD, Terraform, Kubernetes, Helm, Git, Ansible, Datadog**. In support of infrastructure engineering, I have a firm grip on **Go, Linux, Bash, Docker, Python, Node**. Outside of infrastructure, I have skills in **C#, .NET, SQL Server, EventStoreDB**.

Senior Go Developer for Terraform Azure Provider (2025) HashiCorp / IBM

- Led improvements to the Azure Provider documentation, including the [Acceptance Test Guide and revising the Contributing Guide](#), enhancing the developer experience for the open-source community
- Expanded supported Azure service features, including SSH Key Authentication for Data Factory SFTP services, MySQL Flexible Server configurations, and advanced failover group capabilities for MSSQL Managed Instances
- Drove technical debt reduction initiatives by resolving legacy code patterns for major version upgrades (4.0 and 5.0 of the Azure provider), restructuring service components for Kusto and Service Bus, and implementing improved validation logic across core Azure services
- Enhanced security and authentication features across the Azure ecosystem, including SSO configuration improvements for Datadog monitoring, identity management updates for MSSQL managed instances, and group role management policy implementations in Azure AD
- Contributed to core Azure infrastructure management capabilities through resource manager ID support for storage tables, volume snapshot management features, and development of zone validation schemas in go-azure-helpers

DevSecOps Engineer II (2024) Bridgephase US DoD / Air Force

- Developed and maintained Helm charts for US Air Force's Kubernetes-based software development environment, "Big Bang" <https://github.com/DoD-Platform-One/bigbang>
- Developed on AWS Government cloud using EC2 instances to run Kubernetes k3d clusters
- Tested and made necessary adjustments to latest security hardened Docker image updates from Iron Bank of Istio, Kiali, Keycloak and other network related packages
- Active Secret level security clearance & common access card holder

Senior DevOps Engineer I (2020-2024) Zip Co Ltd BNPL Fintech

- Operated and maintained multiple EventStoreDB clusters, the heart of the company's event-driven architecture, holding 2.5 billion events and 15 projections
- Set up a RabbitMQ cluster in Kubernetes to schedule preemptive horizontal pod scaling
- Was responsible for the company's software pipeline, from merging on Github, to triggering an Azure DevOps runner with complex declaratively defined pipelines, publishing artifacts, pushing docker images to Azure Container Registry, deploying successively across all environments, including a Flagger / canary deploy on production environments
- Continuously improved IaC codebase, finding ever better ways to speed up plans and applies, storing versioned modules in a registry, designing developer friendly TF interfaces
- Installed and supported Camunda, a BPMN engine, to serve as the second generation of the core decisioning product using Terraform, Helm and Kubernetes running with 99.99% uptime
- Provisioned double-encrypted SQL database system to store sensitive PII
- Load tested, monitored in Datadog, fixed bottlenecks (created mock third-party service, configured SQL Elastic Pools)
- On-call rotation in incident response rotation, intercepting infrastructure requests, technical support requests from other engineers

- Provisioned an instance of Ansible AWX (web UI for running Ansible playbooks) to provide product engineers a user-friendly interface to run playbooks for tasks like managing AKS clusters

Full Stack Engineer I (2018-2020) Zip Co Ltd

- Expanded merchants service API to accommodate new merchants self-signup flow with EventStoreDB as the source of truth, and Cosmos DB as the projection database, over 3,000 merchants signed up and transacted, generating over \$4 million in total transaction value
- Built backend (.NET Core) for custom CRM tool used by over hundreds of coworkers
- Migrated features from .NET Framework monolith to .NET Core 2 and 3 microservices

Education & Achievements

- 2024 May [Certified Kubernetes Administrator](#)
- 2023 Oct [Microsoft Certified: Azure Administrator Associate](#)
- 2023 Jul [Microsoft Certified: Azure Fundamentals](#)
- 2022 Nov [Certified Kubernetes Application Developer](#)
- 2018 Jan [Hack Reactor, Advanced Software Engineering Immersive Program](#). San Francisco
- 2013 BA, MA: German Language and Literature at Cal State Long Beach, USA