

ANGUS JELLIS

Senior Platform Engineer

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ABOUT

I'm a platform focused software engineer with six years' experience designing and operating developer platforms at scale. I specialise in reducing organisational bottlenecks, increasing engineering velocity and enabling self-service through well-defined abstractions and guardrails. I've led ambiguous cross-team initiatives involving infrastructure, CI/CD, cost-optimisation and developer tooling, and regularly work with a wide range of stakeholders to balance trade-offs between reliability and resilience, velocity, security and cost. I regularly speak at internal meetups and have also presented at London DevOps. Outside of work I'm a voracious learner with an interest in languages (speaking some Spanish, French, and German), a runner, weightlifter, and drummer.

KEY SKILLS

Core

- Platform & Infrastructure Design
- CI/CD and Developer Experience
- Terraform (infrastructure as code)
- Cloud Architecture (AWS)
- Observability and Reliability Engineering
- Security and Guardrails by design
- System & API design

Technologies

- AWS (ECS, S3, EKS, CloudFront, RDS, WAF, SQS, Lambda)
- Terraform
- Python, TypeScript
- Datadog
- GitHub Enterprise, GitHub Actions, GitLab CI/CD
- Kubernetes

Leadership

- Technical leadership and mentoring
- Cross-functional stakeholder management
- Design documentation and technical strategy

WORK EXPERIENCE

Doxy.me

Senior Platform Engineer, July 2024– Present

- Currently leading an initiative to provide full “ephemeral environments”, deploying new versions of our entire stack to live environments allowing for QA and collaboration.
- Drove an infrastructure cost savings initiative, decreasing monthly costs by 50%/\$30,000 per month while maintaining all platform SLAs.
- Led a CI/CD platform redesign and implementation, replacing completely bespoke deployment tooling with Terraform-driven workflows run via GitLab CI/CD. This reduced internal friction for the business, improved developer feedback loops, and reduced our reliance on brittle internally developed tools.

- Delivered a self-service developer platform encompassing secure Terraform Modules, tightly scoped IAM roles, and internal tooling, removing the platform team from the mainline delivery path while maintaining strict security and blast-radius controls.
- Re-architected a tightly coupled core IaC estate into a layered, composable model, defining service dependency standards and internal boundaries, increasing team velocity and decreasing simulated mean time to recovery by 50%.
- Used NX tooling combined with an internal pipeline generator to decrease merge request pipeline build times by 75%, slashing GitLab CI/CD bill and shortening feedback loop for developers by eliminating superfluous builds and tests.

KPMG UK

Lead Platform Engineer, October 2023 – July 2024

- Was responsible for managing and running GitHub Enterprise for the global firm (2500 engineers, 15,000 repositories, spread out across 30 member firms), built internal tooling to recover and manage costs of \$1.9 million.
- Led cross-functional team of 6 engineers responsible for all KPMG-UK's developer-focused tooling.
- Awarded by management "FinOps practitioner of the month" for finding and closing un-used Azure DevOps accounts & GitHub Enterprise subscriptions saving over £150k p/a in license fees, pulling data from ADO & GH APIs, formatting that data, and communicating with users using SES.
- Developed a real time inventory of all developer assets and libraries, allowing for cost optimisation, security alerting, and metrics on the 'state of the developer nation'. This involved both the design & communication of new standards, and the build of further behind-the-scenes tooling to maintain flow for KPMG's stream aligned engineers.

Senior Platform Engineer, October 2021 – September 2023

- Platform architect and lead engineer of an internal API-first developer insights platform rolled out to the entirety of KPMG (250,000 employees, ~10,000 engineers). Backend API hosted on ECS Fargate and developed using Flask framework, integrated with Datadog for monitoring and CloudWatch for alerting. All infrastructure delivered as code using Terraform. PostgreSQL deployed on RDS as a data layer, with AWS managed OpenSearch for fuzzy search & facets.
- Led cross-functional team of five engineers, responsible for system design, data model design, delivery of most complex requirements, taking of product through security review process.
- Maintained 99.9% uptime while deploying on-demand multiple times per week using GitHub Actions.
- Designed and led development of ETL layer reacting to thousands of events per hour, hosted on AWS Lambda, with additional integration with SNS & SQS.

Platform Engineer, October 2019 – September 2021

- Led migration of KPMG UK's entire SCM system (3,500 repositories at the time) from Bitbucket Server to GitHub Enterprise Cloud with less than an hour's downtime for projects utilising GitOps, utilising custom-built CLI tool.
- Developed suite of internal tooling to automatically manage aspects of KPMG's GitHub Organisation.
- Deployed self-hosted GitHub Actions runners on Azure Kubernetes Service, enabling eventual organisation-wide migration from Jenkins/Teamcity to GitHub Actions.

EDUCATION

University of Sheffield (2016–2019)

Bsc Economics – 2:1