BAILEY FITCHETT
Senior DevOps / Platform Engineer

30+ repositories. Moved to GitHub.

PROFESSIONAL CASE STUDY / REPOSITORY MIGRATION

30+	GHAS	1 week
repositories migrated	security enabled	schedule extension

The problem and my ownership

Source and delivery workflows were split across Azure DevOps, Team Foundation Server (TFS) and GitHub. I owned the migration of 30+ repositories, security enablement, pipeline conversion and initial infrastructure automation.

Key decisions

Work within security restrictions. Combine permitted automation with manual execution. Coordinate regularly with stakeholders and security teams, explaining progress, constraints and delivery risks.

Handle large repositories explicitly. Set up an interim TFS instance in Azure to transform and transfer repositories that required special handling.

Establish the delivery foundations. Enable GitHub Advanced Security, convert classic pipelines to GitHub Actions, and create initial Terraform modules and automation examples.

Validation and delivery

I wrote custom Python reports to review migration results and performed test checkouts of the transferred repositories. Delivery completed with a one-week extension to the original schedule.

What this demonstrates

End-to-end technical ownership across migration execution, security constraints, repository validation and stakeholder coordination. This is a professional experience account; the separate public migration-readiness rehearsal is an independent portfolio demonstration.

Read the full story and sources

Full case study: baileyfitchett.com/github-migration/