We provide collaborative self-directed teams with an ownership mindset

SUMMARY

Source Allies saw an opportunity for our partner, a Fortune 500 agriscience company, to accelerate their digital transformation. A dozen software development teams working on the same product did not have confidence in the stability of their current cloud infrastructure and deployment environments. Environments that were maintained manually, and teams building similarly structured microservices were not building or deploying them with any uniformity.

We implemented purely infrastructure as code cloud deployment environments, an RFC process for generating discussion around shared build, test and deployment tooling, and DevOps best practices were adopted throughout the enterprise.

SOLUTION

• We built foundational cloud infrastructure as code enabling over a dozen software development teams to deploy new web and mobile applications. It decreased setup time for deployment tools thus saving teams weeks of work.

• As an AWS Advanced Consulting Partner, we leverage our experience with infrastructure as code in order to build CI/CD pipelines in a way that enabled self-service capability for all development teams.

• By rotating embedded DevOps engineers into development teams, we further increased adoption of tooling through knowledge sharing and promoting cross-team collaboration.

• Tech Stack: AWS (CloudFormation, Amazon Cognito and other services), Python, boto3, bash, Salt, Terraform, Kubernetes, Vault

80% Decrease in team start up time

50% Reduction in tool library dev time