

## DevOps for Infrastructure-as-Code

Sierra-Cedar began adopting cloud infrastructure in 2015 to host complex, large scale applications for our managed services clients. We started this journey with a blank slate and the intent to build something new, scalable, and transformational for our clients, employees, and company.



### OUR UNIQUE APPROACH

We did not want to replicate the traditional data center experience in public cloud. Instead, we chose an approach favoring re-platforming applications, leveraging cloud-native services, automating manual tasks, and adopting DevOps for Infrastructure-as-Code (IaC), facilitating at-scale operations. The result was a vastly improved client experience, transforming how Sierra-Cedar delivers value in the public cloud.

### OUR PARTNERSHIPS

We decided to adopt Terraform before Terraform even had its first general software release. While confident in Terraform's ability to interact with AWS, our cloud platform, we needed to figure out how to effectively operate at scale. This led us to build a Terraform Automation and Collaboration (TACO) tool that helped with visibility and operations viability for our client pipelines. Today, Terraform has released version 4 of its platform and software companies are offering TACO tooling in the marketplace. Sierra-Cedar eventually retired our home-grown TACO and adopted Scalr© to operate our client pipelines and accelerate new pipeline deployments. We've since built a strong and growing partnership with both AWS and Scalr©.

### HELPING OUR CLIENTS

When looking at all the intellectual property and know-how we had created since the start of our journey in 2015, we realized the difference we could make in our client's missions if we helped them accelerate their own adoption of DevOps for IaC.

In 2022, Sierra-Cedar founded its DevOps Services consulting practice to do just that. Sierra-Cedar DevOps Services helps clients adopt DevOps for IaC and improve their efficiency in running infrastructure in the public cloud at scale. We work with our clients to evaluate their current state of cloud operations maturity and build a path to where they want to go leveraging our [FlexOps services wheel](#).

Our journey to DevOps for IaC became more than Cloud Modernization. It transformed how we think about and run cloud infrastructure. We seek to help our clients achieve that same result and have the roadmap, talent, and passions to get there.