CHAPTER 19

Conclusion

In this book, we have looked at how containers have revolutionized the way that we think about and deploy software services, we have looked at how Kubernetes operates as a cloud operating system enabling us to orchestrate our containers into a unified cloud application, and we have looked at many cloud architecture patterns and considerations to help you analyze and design the perfect cloud architecture for your application.

I don't expect you to be able to put everything in this book into practice all at once. I would advise you to start with just a few ideas that are relevant to your application and learn to do them well. Then, later, come back to this book for more ideas. You will find that there are parts of this book that you skimmed over because you didn't think them important that are now reflected by your present reality. I've found that message queueing, in particular, is something that newer architects (and smaller applications) don't see the need for, but the utility of them quickly becomes apparent as complexity grows, external dependencies are added, or bottlenecks appear.

In any case, it is my hope that this book grows with you and helps you continually level up your cloud architecting abilities. Everyone has to start somewhere, and I hope that this book has provided a great starting point for you in understanding, designing, and building cloud architectures for your organization.