

ASHLEY PENNEY

Lake Jackson, TX

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EXPERIENCE

Tesorio

Apr 2024 – Present

Head of Devops

Remote

I led a team of 3 DevOps engineers through a complete infrastructure transformation. We replaced our legacy deployment system with ArgoCD/Kargo, dramatically reducing deployment time from 2 weeks to under 1 hour, and modernized our Kubernetes infrastructure to enable autoscaling. Through centralized Terraform management and relentless performance optimizations, we achieved a 30% cost reduction while maintaining 99.9% uptime. Our deployment frequency increased 10x as a result of these improvements. As both team lead and hands-on contributor, I coached my engineers while personally delivering critical components, partnering directly with the CTO to design and execute our technical strategy.

Monad

May 2023 – Apr 2024

Head of Infrastructure

Remote

Joined Monad (former Release customer) to architect enterprise-ready private cloud infrastructure. Working with one other engineer, I redesigned our Terraform provisioning to support fully isolated, private cloud environments and implemented a comprehensive observability stack meeting enterprise SLA requirements. We optimized CI/CD pipelines, reducing release cycles by 60%, and deployed new infrastructure components including Spark clusters capable of processing millions of events daily, reducing processing time from days to minutes. Together we built the foundation for a complete private cloud offering.

Anomalo

March 2023 – May 2023

Senior Software Engineer (Infrastructure Focus)

Remote

Recruited by my former VP of Engineering from Beeswax to lead a critical infrastructure scaling initiative at Anomalo. In this focused engagement, I implemented Datadog observability across their data quality platform, redesigned their build system to reduce build times by 40%, and modernized CI/CD pipelines to support rapid growth. I also partnered with the development team to streamline local development environments, significantly improving developer productivity. The role concluded when organizational priorities shifted following leadership changes.

Release

October 2021 – March 2023

Founding Engineer

Remote

As Release's first customer turned founding team member, I leveraged my user experience to shape both product strategy and go-to-market execution. I established three critical functions from scratch: integration engineering, customer success, and technical onboarding. My responsibilities spanned the entire business—from closing enterprise deals on sales calls to architecting solutions for complex customer requirements. On the technical side, I managed production infrastructure for 20+ customer Kubernetes clusters, contributed core platform features, and built the playbooks that enabled our team to scale from 5 to 20+ enterprise customers. This unique blend of customer-facing and technical leadership helped validate product-market fit and establish repeatable growth patterns.

Beeswax (Now Comcast)

August 2020 – October 2021

*Director of SRE**Remote*

Led the SRE team supporting a 5M QPS ad-tech platform. Personally architected a load-balancer redesign that achieved a 10× performance improvement while reducing infrastructure from dozens of instances to 8, eliminating chronic outages. Managed the migration of 4,500+ pods to Kubernetes with ArgoCD automation, upgraded 20 Aerospike clusters for optimal performance, and replaced a homegrown observability stack with Grafana Cloud for better scalability and lower cost. Delivered 100% of engineering commitments on schedule through improved planning and execution.

Simon Data

April 2019 – August 2020

*Head Of Devops**Remote*

Founded and led the DevOps team. Focused on modernizing the developer tooling experience: introduced modern observability tools, reworked the CI/CD pipeline, migrated services to Docker, and resolved years of tech debt. Though the team was just two engineers, our work had a massive positive impact on developer productivity and deployment reliability.

Everquote

June 2018 – April 2019

*VP of Infrastructure**Cambridge, MA*

Transformed a legacy ops team into a modern SRE organization supporting 150+ microservices. Built a self-service platform enabling engineering teams to deploy and operate services independently. Reduced infrastructure spend by 35% while simultaneously improving reliability.

Cota Healthcare

December 2017 – June 2018

*VP of Infrastructure**New York, NY*

Led a cloud migration and Kubernetes deployment for a healthcare big-data platform analyzing cancer datasets. These efforts improved deployment velocity by 10× and set the stage for scalable growth.

Maxwell Health

July 2016 – December 2017

*Director of Infrastructure**Boston, MA*

Turned around a failing operations team. Reduced server provisioning time from 6 weeks to instant self-service by implementing Kubernetes. Also achieved SOC2/HIPAA compliance during this period.

nToggle

January 2015 – July 2016

*Techops Manager**Boston, MA*

Designed an anycast-backed, load balancer-less datacenter architecture for a low-latency ad-tech platform. Managed infrastructure solutions that delivered 40% cost savings to customers through optimized resource utilization.