

McKenna Jones

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SUMMARY

Versatile engineer with a passion for delivering highly scalable, customer-focused solutions and fostering collaborative teams. Experienced in cloud-native technologies, distributed systems, and automation, with a unique blend of deep technical expertise and customer-facing experience. Seeking opportunities to drive innovation, lead teams, and deliver meaningful results.

EDUCATION

Oregon State University

BS in Computer Science
Computer Systems
Cum Laude

SKILLS

Languages

Go, Python
Typescript & Javascript

Clouds

AWS, Azure, GCP

Tools

Kubernetes
Prometheus, Grafana
Terraform
Helm
Flux

EXPERIENCE

MediaKind

Principal Engineer

2021 - 2024

Denver, CO

- Developed a platform to manage the lifecycle of Kubernetes clusters across Azure, AWS, and GCP, reducing manual intervention.
- Created Kubernetes operators in Go, revolutionizing the deployment of video workloads to be more robust and scalable.
- Implemented GitOps models using Flux, enabling automated, consistent deployments across multiple environments.
- Extensive application monitoring via Prometheus and Grafana, and conducted daily DevOps calls to track down and resolve issues within given SLAs.
- Development of a greenfield project, rethinking how to deploy and manage video workloads in a cloud-native way.
- Took measures to mature cloud footprint, reducing costs, and increasing both reliability and security.

Bitmovin

Solutions Engineer

2019 - 2021

Denver, CO

- Served as a technical advisor for existing and prospective customers, ensuring retention and growth of accounts.
- Developed a framework to perform objective video quality comparisons, resulting in transparent, data-driven discussions with customers.
- Communicated customer needs to product and engineering teams, enabling a clear path for product innovation.
- Developed custom video player SDKs focused on dynamic ad insertion, opening new revenue opportunities.
- Designated contact for critical customer support issues.

SKIDATA AG

Software Engineer

2017 - 2019

Portland, OR

- Transitioned a monolithic .NET application to a microservice architecture, resulting in a more scalable and maintainable system.
- Participated in a rotating on-call schedule.
- Managed weekly deployments to AWS infrastructure.

Iovation Inc.

QA Engineer Internship

Summer 2016

Portland, OR

- Developed an application to automate the process of creating a QA testing environment, reducing the time to create a new environment from days to minutes.