

# DAVID LIVELY

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## EXPERIENCE

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### Grass Valley

*Senior Software Engineer*

Hillsboro, Oregon

June 2021 - Present

- Implemented a framework to deploy Python scripts as Kafka consumers
- Worked on migrating legacy services while still maintaining backwards compatibility with existing APIs to provide new functionality
- Contributed to architectural design and RESTful API design for new services
- Documented backend systems and architecture to train new team members and the service and support teams

*Software Engineer*

May 2019 - June 2021

- Worked on Grass Valleys next generation of media asset management as a SaaS offering. Our system was used to manage the media assets for the 2020 Summer Olympics and the 2022 Winter Olympics
- Created RESTful .Net microservices that are orchestrated with Kubernetes and use NoSQL databases, such as MongoDB, Redis, and Elasticsearch
- Worked on the ingest pipeline that integrated existing on premise customer systems with our cloud system
- Integrated metrics and tracing into services to identify performance bottlenecks and address them in a data driven way

### US Army Reserve

*Human Resources Specialist*

Clackamas, Oregon

Nov 2011 - Nov 2017

- Deployed to Afghanistan in 2013-2014 to provide postal services
- Learned the value of collaboration, leadership, and training

## EDUCATION

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### Portland State University

BSc Computer Science

Portland, Oregon

2014 - 2018

## SKILLS

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Languages & Tools: C# (.Net), Python, Rust, Git, Docker, Helm, Jenkins

Infrastructure: MongoDB, Redis, Elasticsearch, Kafka, Kubernetes

Interests: Database internals, Event driven systems, Software observability