

SEAN LYONS

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EDUCATION

Clarkson University

B.S. in Computer Science & Mathematics
GPA: 3.85

Dec 2014

EXPERIENCE

Favor

Tech Lead

Nov 2022 - Present

Austin, TX

- Leading strategic projects to optimize early stages of the conversion funnel and improve KPIs like CAC and AOV
- Collaborating with product leaders, stakeholders, and engineers to develop product roadmaps
- Redesigning development processes to boost team velocity and delivery predictability
- Designed and implemented a new promotions system to decrease CAC

Amazon Web Services

Senior Software Engineer

Jul 2021 - Nov 2022

Austin, TX

- Contributed across all layers of the Amazon Managed Prometheus product in a small product team
- Designed Kubernetes controllers to speed up data plane deployments across AZs
- Refactored metering pipelines to implement more robust error handling and remediation

Symbiont

Senior Software Engineer

Sep 2018 - Jul 2021

New York, NY

- Developed highly available and linearizable distributed ledger software
- Reduced CI pipeline duration by 75% with improved testing practices
- Developed automated Jepsen chaos testing suite

iHeartRadio

Senior Site Reliability Engineer

Mar 2018 - Sep 2018

New York, NY

- Engineered migration to new observability platform consisting of Prometheus, Alertmanager, and Grafana deployments
- Modernized deployment tooling for audio streaming infrastructure

Commonbond

Lead Software Engineer

Mar 2016 - Mar 2018

New York, NY

- Engineered event-driven auth and product backends
- Implemented continuous integration and deployment pipelines

TECHNICAL STRENGTHS

Languages

Java, Kotlin, Golang, Python, Typescript, PHP, Clojure

Platforms

Kubernetes, AWS

Tools

Elasticsearch, Kafka, PostgreSQL, DynamoDB, Redis, Terraform

Specializations

Architecture, Observability, Leadership, Experimentation