SEAN LYONS

1144 Brookswood Ave ◇ Austin, TX 78721

(540) · 290 · 6284 ◇ lyonssp777@gmail.com

EDUCATION

Clarkson University   *Dec 2014*
B.S. in Computer Science & Mathematics
GPA: 3.85

EXPERIENCE

Favor   Nov 2022 - Present
Tech Lead   *Austin, TX*

· Leading strategic projects to optimize 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   Jul 2021 - Nov 2022
Senior Software Engineer   *Austin, TX*

· Contributed across all layers of the Amazon Managed Prometheus product
· Built Kubernetes controllers to speed up HA data plane deployments using kubebuilder and envtest [1] [2]
· Refactored metering pipelines to enable more robust error handling and remediation

Symbiont   Sep 2018 - Jul 2021
Senior Software Engineer   *New York, NY*

· Led implementation of a proprietary distributed database and consensus protocol
· Implemented a reactive development framework to enable simulation testing
· Reduced CI pipeline runtime by 75% with improved testing practices
· Developed automated Jepsen chaos testing suite

iHeartRadio   Mar 2018 - Sep 2018
Senior Site Reliability Engineer   *New York, NY*

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

Commonbond   Mar 2016 - Mar 2018
Lead Software Engineer   *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

[1] https://aws.amazon.com/blogs/opensource/speed-up-highly-available-deployments-on-kubernetes/
[2] https://github.com/aws/zone-aware-controllers-for-k8s