

Liam Baker

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Professional Summary

Senior Go Developer with over 7 years of experience designing, architecting, and implementing large-scale distributed systems and cloud-native applications. Deep expertise in Go, Kubernetes, and microservices architecture. Strong leadership and mentoring skills, capable of driving teams to deliver robust, scalable software.

Technical Skills

- **Languages:** Go, Python, JavaScript, Rust
- **Frameworks/Libraries:** Gin, Echo, GORM, gRPC, Cobra
- **Databases:** PostgreSQL, MySQL, Redis, DynamoDB
- **Cloud Platforms:** AWS, GCP, Azure
- **DevOps Tools:** Docker, Kubernetes, Terraform, Jenkins, Prometheus, Grafana
- **Other:** Microservices, Distributed Systems, Event-Driven Architecture, Serverless, TDD, CI/CD, Agile/Scrum

Professional Experience**Senior Go Developer**

CloudNative Systems, San Francisco, CA

August 2016 – Present

- Led the development of a distributed microservices architecture for a large-scale SaaS product, handling millions of requests per day.
- Designed and implemented highly available, fault-tolerant systems using Go, Kubernetes, and gRPC.
- Managed a team of 8 engineers, conducting code reviews, mentoring, and providing architectural guidance.
- Integrated monitoring and alerting using Prometheus and Grafana, ensuring high system uptime and performance.
- Collaborated closely with product teams to define technical requirements and deliver new features on tight deadlines.

Lead Go Developer

NextGen Tech, San Francisco, CA

May 2014 – July 2016

- Architected a serverless architecture using AWS Lambda and Go for an event-driven application.
- Implemented Redis-backed caching systems, reducing database load by 40% and improving system responsiveness.

Projects

Distributed Task Scheduling System

- Designed and developed a distributed task scheduling system using Go and Kubernetes, enabling high availability and horizontal scaling.

Serverless Event Processing System

- Led the development of a serverless architecture for real-time event processing using AWS Lambda and Go, handling billions of events per month.

Education

Master of Science in Computer Science

Stanford University, Stanford, CA

Graduated: May 2014

Bachelor of Science in Computer Science

University of California, Berkeley, CA

Graduated: May 2012

Certifications

- AWS Certified Solutions Architect – Professional
- Certified Kubernetes Administrator (CKA)