Alex Chen

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Senior Backend Engineer with 6 years of experience scaling distributed systems and microservices. Passionate about Kubernetes, Go, and building low-latency APIs for AI workloads.

SKILLS

Core Competencies: Python, Go, Kubernetes, Docker, PostgreSQL, Redis, FastAPI, gRPC, AWS

EXPERIENCE

Backend Engineer at DataTech Solutions

San Francisco, CA • Mar 2021 - Present

- Architected and deployed a distributed caching layer using Redis, reducing API p99 latency by 45%.

- Migrated legacy monolithic application to 15+ Go microservices deployed on Kubernetes.

- Implemented robust CI/CD pipelines using GitHub Actions, reducing deployment time from hours to 15 minutes.

Software Engineer at CloudScape Systems

Seattle, WA • Jun 2018 - Feb 2021

- Developed high-throughput data ingestion APIs in Python mapping 5TB of log data daily.

- Reduced cloud infrastructure costs by 20% by refactoring inefficient database queries.

- Mentored 2 junior engineers.

PROJECTS

Distributed Task Queue

Open-source asynchronous task queue mimicking Celery but optimized for massive fan-out.

Tech: Go, Redis, gRPC

EDUCATION

B.S. Computer Science

University of Washington • 2018