James Chen

Staff Engineer

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LinkedIn   GitHub   LeetCode   Portfolio

PROFESSIONAL SUMMARY

Full-stack engineer with 5+ years of experience in distributed systems and cloud architecture. Led migration of microservices serving 10M+ users at Google.

TECHNICAL SKILLS

Languages: Java, Go, Python

Frameworks: gRPC, React, GraphQL

Databases: PostgreSQL, MySQL, Redis

Cloud: GCP, AWS

Tools: Docker, Kubernetes, Kafka, Terraform

PROFESSIONAL EXPERIENCE

Senior Software Engineer
2022-03 - present

Google

Leading backend team for Google Cloud Platform services. Designed and implemented distributed caching layer reducing latency by 40%.

Technologies: Java, Go, Kubernetes, GCP, PostgreSQL, gRPC

Software Engineer
2020-06 - 2022-02

Meta

Built real-time notification system serving 500M+ users. Improved feed ranking algorithm increasing engagement by 15%.

Technologies: Python, Java, React, GraphQL, MySQL, Docker

Software Engineer
2019-07 - 2020-05

Uber

Developed microservices for driver matching system. Reduced matching latency from 2s to 200ms.

Technologies: Go, Python, Kafka, Redis, PostgreSQL, Docker

PROJECTS

DistributedKV (open-source)
2023-01 - 2023-08 · 8 months · GitHub

Distributed key-value store implementing Raft consensus. 2.5k GitHub stars.

Technologies: Go, gRPC, Raft, RocksDB

CloudCost Analyzer (personal)
2022-06 - 2022-09 · 4 months · GitHub

Tool to analyze and optimize cloud spending across AWS/GCP accounts.

Technologies: Python, React, AWS, PostgreSQL

EDUCATION

Masters in Computer Science
Stanford University, 2019 | GPA: 3.8

CERTIFICATIONS

AWS Solutions Architect
Professional

Google Cloud
Professional Cloud
Architect