

Tomohiro Ohkubo | Engineering Lead

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experience

Cavnue | Lead Engineer – Core Backend and Distributed Systems

2024 - Present

- Directing a team, leading technical vision, and architecting large-scale distributed systems with real-time data infrastructure for autonomous roadways; investing in career growth of senior engineers.

AppOmni | Senior Backend Engineer

2023 - 2024

- Scaling a SaaS security platform to detect billions of risks across enterprise cloud apps; delivering Core APIs adopted across product teams.

Stealth | Senior Software Engineer

2021 - 2023

- Leading data infrastructure; driving technical strategy for core backend and architecture.

Various Startups | Software Engineer

2017 - 2021

- Early engineer focused on scaling platforms; backend/API engineering, data engineering, AI platform, infrastructure/operations.

IASL | Research Engineer

2015 - 2017

- Building high-throughput, low-latency edge systems for real-time video analytics; optimizing deep learning object detection for faster on-device inference.

skills

Python, Golang, TypeScript, Rust, GCP/AWS, Kubernetes, Temporal
Distributed Systems, Software Architecture, Data Platform, Cloud Infrastructure
Engineering Leadership, Technical Mentorship, Strategic Planning

education

Computer Science & Engineering, B.S. - University of California, Irvine