

TAIRA FUJIOKA

Applied AI | Distributed Systems | ML Infrastructure

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Engineer and builder with experience across AI products and large-scale inference infrastructure. Joining Proliferate (YC S25) as its first hire.

EXPERIENCE

Proliferate (YC S25) | First Hire Jul 2026 - Present

San Francisco, California

- Joining founder Pablo Hansen to build an open workspace for running coding agents in parallel, locally or in the cloud.

Smartbase (YC P26) | Co-Founder & CTO Jun 2025 - Jul 2026

San Francisco, California

- Co-founded and led engineering for an AI support engineer that integrated with Linear and help desk systems such as Zendesk to automate Tier-2 customer investigations.

- Grew the business from zero to \$171K contracted ARR in six weeks.

Amazon Web Services (AWS) | Software Development Engineer I / II Aug 2022 - Jun 2025

New York, New York

- Built distributed inference infrastructure for Amazon SageMaker and Bedrock supporting real-time and near-real-time workloads; promoted to SDE II as the youngest SDE II in the organization.

- Designed Platform Cache for fast, scalable deployment of foundation models and customer fine-tuned models; contributed to Bedrock Anthropic Claude hosting and SageMaker Inference Components.

- Shipped graceful instance shutdown to eliminate dropped asynchronous-inference requests, launched the service in five new regions, and automated future region builds.

Amazon Web Services (AWS) | Software Development Engineer Intern Jun 2021 - Aug 2021

Seattle, Washington

- Designed and built a Trusted Advisor feature from scratch to automate metrics reporting.

ADDITIONAL EXPERIENCE

UTEC - The University of Tokyo Edge Capital Partners | Intern | Jan 2021 - Feb 2021 | Tokyo, Japan

Direct hire by the president; worked on blockchain and AI at Japan's largest deep-tech venture-capital firm by assets under management.

NEC Laboratories Europe | Intern | Jun 2019 - Jul 2019 | Heidelberg, Germany

Benchmarked the FastBFT consensus algorithm on Hyperledger Fabric under Dr. Ghassan Karame.

CERN | Intern | Jun 2017 - Aug 2017 | Geneva, Switzerland

Designed a smart-contract system for an EU-backed project at IdeaSquare under Dr. Pablo Garcia Tello.

EDUCATION

University of California, Berkeley | B.A. Computer Science

2018 - 2022