

# John Whitton

Mountain View, CA

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Portfolio: johnwhitton.com — Research: jincubator.com

GitHub: github.com/johnwhitton — LinkedIn: linkedin.com/in/johnwhitton

## Professional Summary

Engineering manager specializing in distributed systems, financial infrastructure, and blockchain platforms.

Experienced building and leading teams delivering high-performance, multi-tenant systems including transaction processing, liquidity routing, and settlement infrastructure.

Track record scaling engineering organizations, owning delivery of complex systems, and operating production infrastructure with high reliability and performance requirements.

## Key Achievements

- Led engineering teams of up to 20 developers delivering distributed financial systems and blockchain infrastructure.
- Built high-performance execution systems evaluating 1000+ routes/sec across real-time liquidity sources.
- Designed systems spanning ingestion, pricing, routing, and execution across multi-venue environments.
- Managed 100+ enterprise initiatives across large-scale distributed and integration systems.

## Technical Skills

**Leadership:** Engineering management, hiring, mentoring, roadmap ownership, delivery execution

**Languages:** Rust, Go, TypeScript, Solidity

**Systems:** Distributed systems, transaction processing, multi-tenant services

**Infrastructure:** Docker, AWS, gRPC, API design, blockchain nodes

## Professional Experience

### Founder / Research Engineer

*johnwhitton.com / Jincubator*

2018 – Present

- Built high-performance execution systems for decentralized financial infrastructure.
- Designed end-to-end pipeline including liquidity ingestion, pricing, routing, and execution.
- Developed systems integrating multiple financial protocols and liquidity venues.
- Built leverage and collateral systems including borrowing logic, accounting, and capital efficiency modeling.
- Developed cross-chain execution and settlement systems across multiple environments.

### Engineering Manager / Senior Protocol Engineer

*Eco Inc*

Aug 2023 – Jan 2025

- Led team of 8 engineers delivering stablecoin protocol infrastructure on a dedicated roll-up.

- Owned delivery across protocol, infrastructure, and ecosystem teams.
- Architected cross-chain settlement and execution systems.
- Delivered production payment system (bend.eco) supporting stablecoin transactions.
- Contributed to large-scale protocol upgrades (Currency 1.5).

### **Ecosystem Architect**

*Harmony Protocol*

Aug 2019 – May 2020

- Scaled engineering organization from 6 to 20 developers.
- Led delivery of core infrastructure including mainnet, staking, and developer tooling.
- Coordinated 50+ production upgrades across distributed network infrastructure.

### **Chief Technology Officer**

*Loyyal*

Jul 2016 – Jun 2018

- Led engineering organization delivering blockchain-based financial infrastructure.
- Built transaction systems supporting tokenized loyalty programs.
- Delivered production systems used by enterprise partners globally.

### **Founder / Engineering Manager / Architect**

*Enterprise Software and Consulting*

1986 – 2016

- Built and operated large-scale distributed enterprise systems.
- Managed teams of up to 50 engineers across multiple projects.
- Delivered integration platforms connecting financial and enterprise systems.

## **Education**

### **Bachelor of Science (Computer Science)**

University of Queensland