RAYMOND MA

Staff Software Engineer
Los Angeles, CA
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SUMMARY

Staff software engineer and tech lead with 10+ years of experience. Leads AI-assisted development at org scale (Claude Code rollout, AI-ready repo standards, AI code review) and builds web3 infra, including wallet key management for enterprises and banks.

EXPERIENCE

Ava Labs (creators of Avalanche) — AvaCloud

AvaCloud launches and operates dedicated Avalanche L1 blockchains for financial institutions, enterprises, and governments.

Staff Software Engineer (Tech Lead) 07/2026 – Present
Senior Software Engineer 09/2024 – 06/2026

- Tripled contributors to AvaCloud's apps (3 to 10 in under 3 months) by making the codebase AI-ready, so designers and other non-engineers could ship production changes with Claude Code; wrote the AGENTS.md files, rules, skills, and orchestrators and taught the workflow across the org.
- Built a custom automated CI code reviewer, self-hosted on AWS Bedrock, that checks security and cross-app impact and updates its review in place instead of flooding PRs.
- Sole developer of Wallet-as-a-Service key management, built on Cubist (CubeSigner), used by large enterprise clients and banks running Avalanche-powered L1s.
- Owned the AvaCloud monorepo that apps and services build on; moved Explorer, Cloud Portal, and Bridge to automated, versioned releases with release-please; product work on validator management and SETTL, a privacy-preserving wallet.

LIQ Auctions | Co-Founder & CEO — Los Angeles, CA | 06/2023 – 05/2024

On-chain auction protocol and auction house for tokenized collectibles, NFTs, and real-world assets

- Deployed a suite of auction smart contracts on mainnet that processed over $1M USD in total on EVM chains.
- Built a hybrid auction-lending protocol that gives sellers instant liquidity for illiquid long-tail assets.
- Selected for the Outlier Ventures x Polygon Basecamp with $100K in funding.

Plugd | CTO — Los Angeles, CA | 09/2019 – 06/2023

Social sneaker aggregator

- Designed an ETL process handling 200K+ sneaker data records daily, getting past Cloudflare and PerimeterX bot protection.
- Grew to 100K+ iOS and Android installs organically through self-made TikTok videos and App Store Optimization.
- Helped close the pre-seed round with angel investors.

CENT | Lead Engineer — Remote | 10/2018 – 10/2019

Platform that brokered the sale of Jack Dorsey's first tweet for $2.9M

- Drove a test-driven workflow that took core smart contract test coverage from 0% to 100%.
- Built the seeding UI that let users invest in creators via microtransactions on Ethereum.

Engagio (acquired by Demandbase) | Software Engineer — San Mateo, CA | 10/2016 – 10/2018

- Improved UI performance by up to 400% in some areas by finding and cutting wasted React renders.
- Won two company hackathons (Q4 2016 most creative: email sentiment analysis; Q2 2017 overall: SMS cloud step).

Assembly | Engineer — Redwood City, CA | 04/2016 – 10/2016

Aviso | Software Engineer — Palo Alto, CA | 02/2015 – 04/2016

PROJECTS & ADVISORY

Kleido | Solo Builder — kleidoprint.com | 04/2026 – Present

- Built solo with AI coding agents: turns any website into a print-ready business card, from Claude-driven design to Stripe checkout and print fulfillment (Next.js, Convex, Playwright); drives ~30% of a print shop's card sales.

Rena Labs | Technical Advisor — 07/2025 – 07/2026

- Advised on architecture for Addys, a proactive meeting agent (Electron, Composio), and anomaly detection for Insider Cash.

EDUCATION

University of California, Berkeley | B.A., Statistics — Berkeley, CA | 2013

SKILLS

Languages & Frontend: TypeScript, JavaScript, Go, Python, Solidity, SQL; React, Next.js, React Native, Electron, D3.js
Backend & Infra: Node.js, Bun, Connect RPC, gRPC, tRPC, Postgres, MongoDB, Supabase, AWS (Bedrock), GCP, Docker
AI & Web3: Claude Code, AGENTS.md / rules / skills, agent orchestrators, Composio; Hardhat, Foundry, Cubist