AVI CHARLOP

FOUNDING ENGINEER / FRACTIONAL CTO

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SUMMARY

I take products from 0 to 1, ship fast, and wear every engineering hat along the way.

Founding engineer and CTO with 10 years of web and mobile products delivered, from rapid prototyping to scale. I own technical strategy, scalable architecture, and stack decisions, and ship on real user feedback. My multi-agent system takes tickets to merged PRs, tested and human-reviewed, so a small team ships more.

EXPERIENCE: FOUNDING AND 0 TO 1

YARCONE · CTO (founding engineer) — Sep 2026 - Present

- Own engineering and share product direction with my co-founder, shipping on rounds of real user feedback.
- Architected and built the iOS/Android driver app from scratch, replacing spreadsheet-run deliveries.
- Created a multi-agent orchestration system that runs AI coding agents from ticket to merged PR.

CLOSER · Freelance Full-Stack Engineer — May 2026 - Present

- Reduced community setup from a day of manual work to 10 minutes with resumable, automated provisioning.
- Built an AI workflow skill migrating the JavaScript API to tRPC endpoint by endpoint, with e2e pixel parity.
- Developed an MCP server exposing tRPC routers as OAuth-protected read-only tools for Claude Code.

WHOCARDS · Co-founder, sole engineer — Jan 2021 - Present

- Built and run a custom e-commerce platform: integrated Stripe checkout, automated fulfillment, ~600 orders.
- Deployed the iOS app to the App Store in 14 languages, including RTL, with automated releases.

FREELANCE · Full-Stack Developer — Oct 2022 - Jun 2023

- Developed J3D.AI: real-time audio capture, a transcription pipeline, and LLM summaries of live workshops.
- Built the full frontend for the NFT marketplace behind CIRCA's Marina Abramović drop: $300K+ on day one.

TAKT DIGITAL · Software Engineer — Jul 2016 - Jan 2017

- Sole developer of a serverless video pipeline, from MVP through a startup's second YC round.

EMPLOYMENT: TEAMS AND SCALE

VIONLABS · Team Lead — Feb 2025 - Feb 2026

- Hired and led 4 engineers to ship a greenfield enterprise portal unifying every data source in the company.
- Shipped ahead of 4 trade shows, reaching feature-complete for the first 10 enterprise customers.

COLLECT.AI · Senior Frontend Engineer — Aug 2023 - Sep 2024

- Designed a type-safe form generator powering 25 forms; optimized state with RTK Query, cutting 2,500+ lines.

NET2PHONE · Engineering Lead / Full-Stack Engineer — Feb 2017 - Dec 2022

- Implemented a WebRTC browser dialer for 200K+ business customers; improved load performance 50%.

SKILLS

Founding work: Technical strategy, stack decisions, MVPs, rapid prototyping, feature flags, technical hiring, Agile

Stack: TypeScript, React, Next.js, React Native, Expo, Node.js, tRPC, Fastify, Go, Tailwind

Databases and cloud: PostgreSQL, MongoDB, Supabase, Drizzle, GCP, AWS, Terraform, Docker, Vercel, CI/CD

AI: Agentic workflows, multi-agent orchestration, MCP, Claude Code, OpenAI Codex, T3 Code, LLM integration, evals

OPEN SOURCE

Maintainer of prism-rails, 250K+ downloads. Contributor to bidi-js, JsSIP, tailwind-config-viewer, create-t3-app.