AVI CHARLOP

FREELANCE SENIOR FULL-STACK ENGINEER

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SUMMARY

I take your product from idea to production: web, mobile, APIs, and AI integration.

Senior full-stack engineer with 10 years of production-ready web and mobile products delivered. I own features from design to production: scalable architecture, APIs, auth, cloud, and CI/CD. I work solo or inside your team, greenfield or legacy, with agentic workflows that keep every change reviewed and tested.

PROJECTS AND CLIENTS

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.

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

- Architected and built the iOS/Android driver app from scratch, replacing spreadsheet-run deliveries.
- Built idempotent background jobs for Google Sheets, CSV, and Excel order imports; integrated Twilio WhatsApp.
- Created a multi-agent orchestration system that runs AI coding agents from ticket to merged PR.

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.

EMPLOYMENT

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.

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 AND SERVICES

Products: Web and mobile apps, MVPs, internal tools, API migrations, refactoring existing codebases

Integrations: Stripe, Twilio, SSO, OAuth, webhooks, REST APIs, MCP servers, fulfillment providers

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

Databases and cloud: PostgreSQL, MongoDB, Supabase, GCP, AWS, Terraform, Docker, Vercel, GitHub Actions, 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.

EDUCATION

Ironhack, Miami: full-stack bootcamp, 2016. City College of New York: computer science coursework, 2013