

Full-stack and mobile engineer leading development on a subscription app across iOS, Android and the web. I make production systems measurable, reversible and safe to ship, and I build with frontier AI models every day.

EXPERIENCE

Lead Web Developer · Smash Creative

Jul 2024 – Present

Lead engineering on Burn by Cara Loren, a subscription fitness app on iOS, Android and the web. Own the architecture, the API, payments, analytics and the release pipeline.

- Contained and repaired a backfill that overstated active subscriptions (14.9% → 6.1% on the first pass; 64 duplicate pairs → 0), with a journal that makes every production repair reversible.
- Replaced a frozen Zapier pipeline (700+ stuck tasks) with signed first-party webhooks in the Express API, removing ~40 points of conversion inflation from a stale paid flag. Added 63 tests.
- After an over-the-air update crashed the app on launch, wrote the postmortem and built a native-module CI gate and rollback tooling: production rollback under 5 minutes, and 4 people able to deploy safely, up from 1.
- Rebuilt activation analytics on billing ground truth: corrected the team’s headline metric (80% → 47%), found ~30% overstatement in trial volume, and removed an onboarding step with 67% drop-off.
- Ran the checkout site cutover from WordPress to Vercel: 17 of 17 production paths verified, 3 live checkout bugs fixed, and a real purchase, login and cancellation verified end to end.
- Unblocked end-to-end testing with a five-line accessibility fix, avoiding a planned 2–3 week migration of 29 screens.
- Added Claude AI code review to CI on every pull request, and systematized AI-powered customer service processes.

Web Developer · Smash Creative

Jan – Jun 2024

- Built and released v3.0 of the Burn iOS and Android app, including a progressive difficulty algorithm that adjusts exercise intensity to each user’s performance.
- Built an Instagram tracking automation that cut manual data collection time by 80%.

Web Development Intern · Smash Creative

Aug – Dec 2023

- Refactored the revenue tracking dashboard, cutting report preparation from 2 hours to 20 minutes.
- Built Airtable and Zapier workflow integrations to automate operations.

Volunteer Developer · Lehi Fire Department

Jan 2022 – Present

- Part of the team building a protocols app that gives firefighters fast access to procedures, drug dosages and pediatric emergency information. Built its feedback component and Firestore store.

SKILLS

Languages & web	TypeScript, JavaScript, React, Astro, HTML, CSS, Tailwind
Mobile	React Native, Expo, EAS Build & Update, App Store and Play releases
Backend & data	Node, Express, Prisma, PostgreSQL, SQL, MongoDB, Firebase
Payments & analytics	Stripe, RevenueCat, webhooks, PostHog, feature flags, A/B tests
Infra & release	GitHub Actions, Fly.io, Vercel, Netlify, Doppler, Sentry
AI & automation	Claude Code (daily), multi-agent workflows, hooks, AI code review in CI, custom GPTs, Zapier

PROJECTS

- **Agent operations system:** Claude Code hooks and scheduled jobs for session briefings, handoffs, meeting action items and weekly digests. Python, with tests.
- **HopeBot:** Custom-trained GPT recovery coach with a Stripe payroll.
- **PrizePortal:** Mock iOS loyalty app with auth, points and redemption. Expo, React Native.

EDUCATION

V School · Certificate, Full-Stack JavaScript Web Development

2023