

```
chas@macbook:~$ whoami
```

CHAS BEAN

> Full-Stack & AI Engineer · ex-CTO · Ferndale, MI · Open to Remote Roles

chasbean.com | charlesparkerbean@gmail.com | github.com/chas-bean | linkedin.com/in/chasbean

```
chas@macbook:~$ cat summary.txt
```

Full-stack engineer and former startup CTO with **10+ years** taking products from zero to scale at venture-backed startups. I build **developer platforms and full-stack products** – APIs, SDKs, and agentic systems – end to end, from design through infra; most recently an **autonomous SaaS negotiation agent**. Happiest building **ethical products** with small, high-trust teams.

```
chas@macbook:~$ cat experience.md
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Vertice (acquired Vendr) :: Senior Software Engineer II JUL 2023 – PRESENT · REMOTE

Series B AI-powered SaaS pricing & negotiation – \$216M raised, ~\$30M ARR; ~400 orgs; acquired May 2026.

- > Co-owned the real-time **agentic backend** powering **Ruth**, Vendr's autonomous negotiation agent – a streaming LLM service serving **5K MAU** and **~60K LLM calls/mo**, with history, document extraction, and resumable sessions, plus tracing and evals.
- > Solo-architected the **full-stack multiplayer chat system** for running autonomous negotiations end-to-end with **Ruth** – coordinating 4 agents over a canonical **append-only event timeline** with point-in-time, VFS-backed memory.
- > Co-built a **published SDK, public pricing APIs (OpenAPI)**, and an **MCP server** that let partners like **Zip** and **TrustRadius** embed Vendr's pricing intelligence into their products – **3.1M requests/mo** at a **57ms p50, 2.7M MCP events/mo**.
- > Cut **per-turn LLM cost** by 65% across **3B tokens/mo** – optimizing tool-call chains, payloads, encodings, prompt caching, and hot-path queries – holding spend to **~\$8K/mo**.
- > Designed and built an **integrations foundation** that ingests documents in real time to surface savings and trigger renewals – shipping **file storage connectors** with Google Drive, Dropbox, and Box.
- > Single-handedly built a Honey-style **Chrome extension** that detects SaaS vendor sites and surfaces Vendr's pricing savings & insights on-page – adopted by **500+ users** across orgs.
- > Provide **first-class support** and **data requests** for customers, including **Anthropic, Brex, Duolingo, Grammarly, Gong, TIME, Twilio**, through the Vendr-Vertice acquisition.

Toucan (acquired by Babbel) :: Senior Software Engineer II JAN 2023 – MAR 2023 · REMOTE

Series A language-learning browser extension – \$30M raised; 1.5M+ downloads, 12 languages, featured by Google and Microsoft.

- > Shipped browser-extension features delivering **2B+ in-context language lessons** to **~1M users**.
- > Built **A/B-tested monetization features** that lifted conversion **33% in one month**.

Plain Sight :: Chief Technology Officer AUG 2019 – JUN 2022 · DETROIT, MI

Seed-funded in-person networking app – \$2M raised; featured on Product Hunt and the Apple App Store.

- > Owned technical direction as CTO – led **3 engineers plus contractors**, ran white-glove email & push marketing campaigns, and personally hosted the in-person meetups the product was built around.
- > Steered the company through **2 full pivots in 3 years** – from geofenced in-person networking, to a remote social feed when COVID hit, to an in-person **events & ticketing** platform.
- > Built and shipped the web + mobile apps end-to-end with automated CI/CD and release monitoring – a **99.27% crash-free rate** over **200+ releases** to **10k+ users**.
- > Delivered **20+ production features** – Stripe payments, ticketing & check-ins, real-time push, search, and recommendations – with end-to-end test coverage.

IndustryStar :: Senior Software Engineer DEC 2015 – AUG 2019 · ANN ARBOR, MI

Supply-chain management platform at a self-funded startup (2nd engineering hire).

- > Led front-end development as the **2nd engineering hire** – driving a **full rewrite that cut duplicated/dead code by 30%+** – and shaped product direction across release estimates, vision, and UX.
- > Shipped full-stack features end-to-end – **real-time collaborative spreadsheets**, supplier search, templated emails, and subscriptions – and redesigned the REST API architecture.
- > **Mentored and recruited** junior engineers and interns.

```
chas@macbook:~$ rg '^w+: ' skills/
```

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languages:    TypeScript · GraphQL
frameworks:  React · React Native · Remix · Node.js · Tailwind
tools:       Bun · Vite · Playwright
cloud:       CDK · SST · Lambda · ECS · S3 · SQS · EventBridge · GitHub Actions
realtime:    SSE · WSS · web streams · Redis
ai:         MCP · AI SDK · LLMs · prompting · OpenRouter · evals · agent memory
databases:   PostgreSQL · Prisma · pgboss
services:    Stripe · Metronome · Clerk · Segment · Sentry · Braintrust · Zuplo
```

```
chas@macbook:~$ cat education.txt
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B.S. Computer Science & Engineering @ Michigan State University SEP 2011 – DEC 2015 · EAST LANSING, MI

Linguistics cognate · 2+ yrs volunteer NLP research on topic evolution across forum threads.

```
chas@macbook:~$ mail -s "let's build something" charlesparkerbean@gmail.com
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