

William Huynh

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SUMMARY

Full-stack engineer who ships AI-powered products end-to-end — React/TypeScript interfaces through Python/Node services, real-time data, and cloud deployment. Built and run a multi-tenant strategy-execution platform in production; shipped enterprise features at Fortune-100 scale at Smartsheet and Microsoft.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Python, C#, SQL

Frontend: React, Next.js, Redux, TailwindCSS, Shadcn, Material UI, Fluent UI, SASS, CSS-in-JS

Backend / Data: Node.js, FastAPI, asyncio, PostgreSQL, NoSQL, Redis, Prisma, ETL/streaming, Docker

Cloud: AWS, Azure, GCP, Cloudflare Workers, Vercel, Oracle Cloud (OCI ARM64), Digital Ocean

Testing / Tools: Jest, Vitest, Playwright, Cypress, Storybook, Git, Azure DevOps, Stripe

APIs & Protocols: REST, JSON, XML, YAML, CSV, WebSockets, OAuth

AI-assisted development: Claude Code, ChatGPT Codex, GitHub Copilot, Cursor, OpenCode

EXPERIENCE

Lead Software Engineer — LiveTape.ai — *Remote* | 09/2023 – Present

- Designed and shipped a multi-tenant SaaS platform end to end solo — React/TypeScript, Python/FastAPI, PostgreSQL with Alembic, Redis pub/sub, JWT auth — via Docker Compose on OCI ARM64 behind Cloudflare.
- Architected a lock-free, zero-copy IPC layer (seqlock over a memory-mapped ring buffer) so readers never block writers and shared state needs no mutex or message queue.
- Built a multi-tenant async worker evaluating user-defined logic trees against live data at sub-50ms latency — up to 50 concurrent runtimes in one asyncio loop, isolated state, no DB on the hot path.
- Delivered live state to the browser via Redis pub/sub WebSocket fan-out, with display publishing throttled independently from business-logic execution

Technical Lead & Developer — Independent Consulting (client under NDA) — *Remote* | 10/2025 – 04/2026

- Led and built a full-stack marketplace end to end on Next.js, TypeScript, Prisma, and PostgreSQL — product listings, search, filters, and reviews.
- Integrated Stripe Checkout, Billing, and Connect for one-time, subscription, invoiced payments and automated seller payouts
- Implemented RBAC (Buyer/Seller/Admin) and an admin console for moderation and commissions, with email automation via Mailgun.

Software Engineer II — Smartsheet — *Remote* | 06/2021 – 09/2023

- Built and maintained core features for Smartsheet Control Center, an enterprise product used by 96 of the Fortune 100, on React, TypeScript, Node.js, and Ruby.
- Contributed accessible components to the Lodestar design system, cutting UI dev time ~20% across teams; led the i18n initiative supporting 3M+ users globally.

Software Engineer — Microsoft (via Mindtree / Insight Global) — *Remote* | 01/2020 – 05/2021

- Built Power Platform products including Power VA and AI Builder, exposing complex business logic through scalable APIs for external consumption.
- Owned frontend architecture modernization and a TypeScript lint migration adopted across multiple teams; achieved WCAG 2.1 compliance for critical admin workflows.

Solutions Engineer — ConnectWise — *Bothell, WA* | 06/2018 – 12/2019

- Built custom web UI and client solutions for a global CPQ SaaS platform (HTML, CSS, JavaScript, C#); held the #1 client satisfaction ranking.

EDUCATION & CERTIFICATIONS

B.S., Public Policy, University of Arizona · Azure Fundamentals (AZ-900)