

Timothy Cisneros

Full-Stack Software Developer | Applied AI & Auditable Automation

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SUMMARY

Full-stack software developer implementing AI-assisted and automated workflows with explicit constraints, inspectable evidence, evaluation harnesses, and human verification. Combines TypeScript, Node.js, React, Vue.js, SQL, and AWS application delivery with professional experience in operational automation and internal tools.

TECHNICAL SKILLS

Core: TypeScript, React, Next.js, Vue.js Composition API, Node.js, Express, REST APIs, AWS, PostgreSQL, SQLite, SQL Server

Professional delivery: JavaScript, MongoDB, Lambda, API Gateway, S3, Cognito, DynamoDB, Step Functions, Amplify, CloudFormation, GitHub Actions, DocuSign CLM, Laserfiche

Project experience: Tailwind CSS, Pinia, Vue Router, Fastify, Redis, BullMQ, Docker, Nginx, Terraform, Playwright, Python, OpenAI API prototyping, eval and benchmark implementation

PROFESSIONAL EXPERIENCE

Digital Media Producer / Independent Software Developer — *TimCis Media* Mar 2020–Present

- Translate client operating procedures into maintained internal applications with React, MongoDB/Express, and AWS serverless workflows using API Gateway, Step Functions, Lambda, and DynamoDB.
- Own delivery from workflow discovery through interfaces, APIs, data models, release, and ongoing changes, keeping implementation tied to work users perform on the job.
- Support pipeline field operations through CAD-derived 2D isometric drawings and a React reporting tool that replaces repeated paper entry with reusable joint-and-fitting tables and structured exports.

Solutions Engineer — *Bitwise Industries / Stria* Mar 2021–May 2023

- Owned AWS application delivery across Next.js interfaces, authentication, APIs, storage, infrastructure, and CI/CD using Cognito, S3, Lambda, API Gateway, DynamoDB, Amplify, and CloudFormation.
- Created DSDebug, an internal Next.js tool that converted dense DocuSign CLM workflow exports into interactive graphs and, in day-to-day team use, reduced afternoon-scale inspection to minutes.
- Implemented end-to-end HR onboarding across Laserfiche and DocuSign eSignature, with operational visibility through Zoho Analytics and SQL Server dashboards.
- Built Entity Visualization, an authenticated React Flow ownership graph; its public edition demonstrates tracing and summaries across 142 anonymized relationships, 10 charts, and 73 entities.

T1 Advisor → Workforce Analyst → Quality Assurance — *Conduent* Jul 2016–Feb 2020

- Promoted twice in four years, progressing from mobile-device support to workforce analytics and quality assurance.
- Wrote VBA, JavaScript, and AppleScript automations to process adherence metrics and send real-time workforce updates.

SELECTED ENGINEERING PROJECTS

Ticket System — Fastify reference implementation for auditable agent execution with durable runs, scoped authority, evidence ledgers, triage, replay, benchmark harnesses, and verification gates.

Action Plan Generator — TypeScript, Astro, and Vue.js product that transforms video content into a fixed, structured seven-day plan through the OpenAI API.

Self-Hosted YouTube Frontend — TypeScript/Express server and browser JavaScript playback engine with a recommendation evaluation harness, portable infrastructure, and 100 integration, resilience, and evaluation tests.

CREDENTIALS & PROFESSIONAL LEARNING

Self-directed software education through structured coursework, independent implementation, and professional delivery. Laserfiche Business Process Design Certification (2021) | AWS Certified Cloud Practitioner (2021–2024) | DocuSign CLM Implementation Consultant (2022–2024)