

THOMAS DOAN

Senior Software Engineer & Architect

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Work Experience

Senior Software Engineer, Crossfill

Next.js / Typescript / Temporal / FastAPI / GCP / Kubernetes

(Mar 2025 - Present, Full-time, Remote)

AI-powered analytics and content optimization platform for modern commerce teams.

- ❖ Strengthened analytics and measurement pipeline for high-volume data workflows.
- ❖ Built content optimization pipeline powered by AI and workflow orchestration.
- ❖ Reduced latency and improved trust in reporting and insights.
- ❖ Enabled self-serve product capabilities with integrated billing and automation.
- ❖ Mentored engineers and contributed to a strong product-engineering culture.

Senior Software Engineer, Therify

[Behind Story](#)

(Aug 2022 - Feb 2025, Part-time, Remote)

Mental health platform focused on connecting individuals with culturally responsive care providers.

- ❖ Built AI-powered content recommendation system to improve user engagement and relevance.
- ❖ Developed AI-powered profile matching system for better therapist-user alignment.
- ❖ Utilized encryption, access controls, and regular audits to protect sensitive user data.
- ❖ Improved reliability across onboarding and matching flows.
- ❖ Strengthened platform foundations for scalable personalization.

Senior Full Stack Engineer, Axle Health

React, Typescript, Node.js, AWS

(Nov 2020 - Jul 2022, Full-time, Remote)

Enterprise-grade logistics platform for in-home care operations.

- ❖ Improved behavior across key workflow handoffs between scheduling and operations.
- ❖ Strengthened API and UI contract alignment to reduce ambiguity in critical flows.
- ❖ Contributed to backend services handling scheduling logic and workflow orchestration.
- ❖ Helped establish a more scalable foundation for future automation and analytics.
- ❖ Attended client meetings, collected user feedback, and laid out the action plans.

Full Stack Engineer, Praia Health / (Jun 2017 - Oct 2020, Full-time, Remote)

Developed a website that highlights its innovative use of technology to bridge gaps in healthcare delivery.

Lead Engineer, Storibble / (Aug 2016 - Dec 2017, Full-time, Remote)

Led a team of engineers in a startup & agile environment .

Freelancing Developer / (Oct 2015 - Aug 2016, Remote)

Worked on ReactJS, VueJS and NodeJS projects on a short-term contract basis.

Lead Engineer, Atlys / (Mar 2013 - Aug 2016, Full-time, Local)

Education

Bachelor's Degree In Computer Science, Tsinghua University
(2010 - 2014)