DAVID YEN

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SUMMARY

Full-stack engineer with 9 + years across SaaS, marketplace, ad-tech, and social products — cut load time 65 % at Typeface, built unified search at Houzz, halved report latency at Yahoo, drove 10 × user growth at Dcard, scaled back-end throughput 10 × at CHOCOLABS, and shipped 150 k + mobile installs. Heavy hands-on with JavaScript & TypeScript across React, Next.js, and Node.

SKILLS

JavaScript • TypeScript • React 18 • Next.js • Node.js • Python • AWS

EXPERIENCE

Typeface - Senior Software Engineer | Nov 2023 - Present
- Reduced JS bundle 65 % via code-splitting & lazy loading, boosting Core Web Vitals.
- Refactored WebSockets to on-demand connections, eliminating error spikes and trimming infra spend.
- Rebuilt marketing site & blog on Next.js + GraphQL; ISR dropped build time 60 min → 2 s.
- Launched CMS-driven landing pages with marketing, doubling release cadence.
- Shipped Canva plugin that helped close a major enterprise deal.
- Designed rich-layout templates & an infinite-canvas experience for real-time co-editing.

Houzz - Software Engineer | Sep 2021 - Jun 2023
- Refactored home feed to reusable TypeScript components, removing duplicate UI.
- Built "All Results" unified search, lifting search engagement.
- Cut photo-page LCP with preconnect + lazy hydration.
- Added A/B hooks in Prismic CMS for one-click experiments.

Yahoo - Senior Software Engineer | Feb 2017 - Sep 2021
- Shipped self-serve cohort-reporting tool for Campaign Insights.
- Converted batch pipeline to async Java services, halving report time.
- Built React data-quality dashboard that flags anomalies in minutes.

Dcard - *Founding Engineer* | Dec 2013 - Nov 2015
- Re-architected MongoDB forum; drove **10x** user growth (300 → 3000).
- Doubled page views with modal viewer; cut render time by 1 s.
- Deployed Node.js + Redis push notifications across three AWS zones.

Sparks Lab - *Indie Android Dev* | Sep 2012- Nov 2015
- Published four Android apps (150 k+ installs, two national 1st-place awards).

CHOCOLABS - *R&D Intern* | Jul 2014 - Apr 2015
- Built Node.js backend for "V.S." forum with **90 %** test coverage.
- Scaled iMusee users **1 k → 10 k** by migrating to Express + MongoDB.

AWARDS

- Winner - Typeface Hackathon 2024 - "Blend with Multi-channel Feeds"
- 1st prize - IDEAS Show 2013 (Friendly Restaurant Taipei)
- 1st place - Mobile Hero 2012 (Chinese Band app)

EDUCATION

Tamkang University - B.S. Computer Science, 2015 (Taipei, Taiwan)