

JEN CHAN

Software Developer with 8 Years of Experience across UX and product engineering

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SUMMARY

A software development professional with 8 years of experience in software engineering and agile transformation, expert in Typescript and front-end frameworks such as Vue and Angular. My key achievements include introducing onboarding at a startup that grew from 25 to 170 in a year, driving implementation of an enterprise design system now adopted by 250+ products, increasing quality and velocity of delivery at 3 workplaces through process improvement and testing strategy.

EXPERIENCE

Software Engineer

Rivalry

📅 10/2023 - 04/2025 📍 Toronto, Canada

Betting platform with ~150,000 daily active users across 4 regions

- First 90 days: Improved casino delivery by 18%, evangelize automated testing strategy
- Migrate legacy casino and registration experiences to Vue 3 / Nuxt 3 with Laravel, web sockets and Cloudflare workers while maintaining regulatory features
- Integrated white label sportsbook reduced need for 5 FTE
- Revamped homepage experience with configuration-based regional content from Strapi to increase conversion by >40%

Lead Software Engineer

Thomson Reuters

📅 08/2022 - 10/2023 📍 Toronto, Canada

Enterprise legal publishing and tax software

- Drove adoption of a design system, scaling from MVP to 20 products in 2 quarters, by leading 12-30 contributors and releasing updates biweekly at Thomson Reuters.
- Led implementation and maintenance of a web components library for Angular 1-16 and React 16-18 products, championing Core Web Vitals performance and WCAG 2.1 accessibility compliance.
- Increased developer capacity by onboarding 5 new engineers across 2 time zones
- Accelerate delivery velocity by 50% by migrating repository from Rush.js to yarn workspaces, automating Figma-to-GitHub style exports, and deploying automated releases to 3 repos.

Software Engineer II

Rangle.io

📅 05/2021 - 08/2022 📍 Toronto, Canada

Agile Transformation Consultancy

- Retained 2 key clients worth ~\$300,000 revenue by implementing and advising on scalable architectural solutions
- Delivered competitive analysis on UI tooling and contributed to design system accelerator tool and CLI that accelerated delivery by 50%

PRODUCTION EXPERIENCE

Languages

Typescript, JavaScript, PHP >10, YAML, HTML, CSS, Python 3, markdown

Front end

Nuxt, Vue, React, Gatsby, Next.js, Angular, Web components, Tailwind, Lerna, nx

Backend

Express, Laravel, SQL, Web sockets, CloudFlare, JWT, Headless CMS, Contentful, Strapi, REST APIs, Postgres, Knex.js

CI/CD

Github Actions, AWS S3, Bitbucket pipelines, Artifactory, Azure Pipelines,

Testing

Testing Library, Cypress, Playwright, Jest, Chromatic, TestCafe, Karma, Axe

Tooling

pnpm, yarn, esbuild, Vite, npm, Rollup, Webpack, Git, Vim, Lighthouse, Datadog, Sentry, LogRocket, Docker

VOLUNTEERING

Open Source Contributor

Organization Name

- @calcom/cal.com, Storybook, @microsoft/fast, @curveball/a12n-server, @curveball/next-a12n,

EXPERIENCE

Solution and UX Developer

Smile Digital Health

📅 12/2019 - 05/2021 📍 Toronto

Interoperable Clinical Data Storage

- Reduced design revisions from 20 to 3 by initiating ticket triage and architecture meetings across QA, product and engineering leaders.
- Implemented a style guide that served 2 products.
- In a company that grew from 25 to 170+, I had regular syncs and ad-hoc product onboarding sessions for 20+ teammates.
- Implement responsive web design, unit testing and legacy browser support (IE11) with Angular and Gitlab CI.
- Automate front end deployments on Gitlab with automated accessibility tests

VOLUNTEERING

Director, Organizer

TorontoJS

📅 2019 - 2023

- Rolled out Code of Conduct
- Scaled to 40 volunteers and 4-6 community leaders and moderation team
- Sourced partnerships and sponsors including Sentry, DevCycle, Refactor conference, Google WomenTechMakers

EDUCATION

Continuing Ed: Computer Science Fundamentals

Toronto Metropolitan University

📅 2019

MFA, Art Video

Syracuse University

📅 2010 - 2013