

# Dickwyn Yong

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## EXPERIENCE

### Microsoft [Redmond, WA, USA]

Jun 2022 - Present

*Senior Software Engineer (Realtime Fraud Protection @ Central Fraud and Abuse Risk)*

September 2025 - Present

- Modernized legacy frontend build and test tooling by migrating Webpack/Jest to Vite/Vitest and pnpm, improving developer experience by reducing CI cycle time and enabling faster local iteration with modern hot module reloading.
- Established a shared frontend quality bar across the organization through structured PR reviews and implementing consistent CI quality gates (linting, tests, accessibility checks) across 30+ applications, improving release confidence and reducing regressions.
- Designed repeatable, compliant deployment templates (ARM, Helm) for frontend applications on Azure Kubernetes Service (AKS), reducing environment drift and increasing release confidence.
- Mentored engineers and elevated engineering culture through high-signal PR reviews and knowledge-sharing sessions, including sharing AI-assisted developer workflows that improved cross-team alignment and sustained scalable frontend practices.

*Software Engineer II (D365 Fraud Protection @ Microsoft Security)*

Jun 2022 - August 2025

- Partnered with design, product, and engineering to ship enterprise admin experiences (access controls, reporting) for a large-scale fraud protection platform, improving usability, compliance, and customer trust.
- Modernized legacy Angular and React applications by refactoring components for predictable rendering and maintainable state, expanding automated tests, and applying data-driven performance improvements using real-world telemetry.
- Created and scaled a shared ESLint configuration to standardize frontend code quality across repositories (React, Vite, Vitest, Playwright, Angular), enabling consistent best practices at scale.

### Clairvoyant AI, Inc [Chandler, AZ, USA]

Jan 2019 - May 2022

*Senior Front End Engineer (Shutterfly.com)*

Mar 2020 - May 2022

- Led the development and Shutterfly's order processing management portal by establishing a technical direction, architecting scalable solutions, and guiding a team of 7 frontend developers.
- Created an interactive documentation site with Next.js that increased external client onboarding by threefold.
- Wrote Terraform scripts to provision AWS infrastructure for production, qa, and dev environments.
- Recruited new developers to grow the team from bootcamps, industry and onboard new members into the team.

*Front End Engineer (Mastercard Payment Services)*

Apr 2019 - Mar 2020

- Developed a cross-domain Fintech application using React that conforms with WCAG 2.1 Level AA.
- Refactored several React Native apps with a shared auth solution backed by the Microsoft Identity Platform.

*Front End Engineering Intern*

Jan 2019 - Apr 2019

- Built and shipped a single-page application (SPA) with React and Redux that generates a typographic scale.

## EDUCATION

### Arizona State University [Tempe, AZ, USA]

Jan 2016 - Dec 2018

*Bachelor of Science in Computer Science, GPA: 3.63*

- Awarded the Inspiring Global Citizens Award for my dedication to cross-cultural awareness and engagement.

## SKILLS

**Languages:** TypeScript, JavaScript, HTML, CSS, SASS/LESS, GraphQL, C#

**Frontend:** React, Next.js, Angular, React Native, pnpm workspaces, ESLint, Vite, TanStack Query

**Testing:** Playwright, React Testing Library, Vitest, MSW

**Platform/Tooling:** Azure, Kubernetes, Helm, ARM, Bicep, Terraform, AWS, Jenkins, Bruno

## PROJECTS

[dickwyn.com](https://dickwyn.com) | *Next.js, React, Tailwind CSS, Tina CMS*

Nov 2024

- Revamped my personal website with an optimized component structure for better maintainability.

[Is programming for you?](https://www.youtube.com/watch?v=...) | *YouTube*

Dec 2021

- Produced an educational documentary about the world of programming as part of Computer Science Education Week.