

# Dick Wyn Yong

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## EXPERIENCE

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### Microsoft [Redmond, WA, USA]

Jun 2022 - Present

#### Software Engineer II (Fraud Protection)

- Collaborated across design, product, and engineering to deliver key platform capabilities such as user access controls and reporting features, improving usability, reliability, and compliance.
- Refactored large portions of legacy Angular and React components to improve code clarity, increase test coverage, and reduce maintenance overhead and production incidents.
- Led cross-team initiatives with engineering leadership to define a unified quality standard—driving adoption via structured code reviews, building CI tooling, and establishing quality metrics that boosted long-term velocity.
- Developed a shared ESLint configuration to standardize frontend code quality across projects, enabling consistent best practices and faster adoption of new rules.
- Launched CFAR Communities—interest-based channels that foster connection and collaboration across teams by creating inclusive spaces for socializing and knowledge sharing, strengthening interpersonal bonds beyond daily work.

### 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 UI 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.
- Developed a custom authentication solution for several React Native apps using the Microsoft Identity Platform.
- Increased code reusability across all mobile applications by developing a React Native component library.
- Wrote snapshot and unit tests with Jest and Enzyme to enable continuous delivery of features.
- Accelerated developer velocity and efficiency by developing CI/CD pipelines and writing comprehensive technical documentation.

#### 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

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

Bachelor of Science in Computer Science, GPA: 3.63

Jan 2016 - Dec 2018

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

## SKILLS

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

**Technologies:** React, Angular, Next.js, React Native, Jest, Playwright, React Testing Library, MongoDB

**Tools:** Microsoft Azure, Git, Storybook, Terraform, Amazon Web Services, Jenkins, Gulp, Bruno

## PROJECTS

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### [Dickwyn.xyz v4](https://dickwyn.xyz) | *Next.js, React, Tailwind CSS*

Nov 2024

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

### [Is Programming For You?](#) | *YouTube*

Dec 2021

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

### [SLFE Knowledgebase](#) | *MongoDB, Express, React, Heroku*

Feb 2018 - Nov 2018

- Developed a full-stack web application that maps and visualizes data from sustainable local food economies.