Dickwyn Yong

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EXPERIENCE

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

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

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

[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.