

# SUSIE DOUANG

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Website [sdouang.com](https://sdouang.com) • GitHub [susie-d](https://github.com/susie-d)

Frontend and platform engineer focused on scalable **web architecture**, **design systems**, and **content-driven applications**. Experienced in building **reusable component systems**, **CMS-powered experiences**, and **high-traffic frontend platforms** across media, enterprise, and startup environments using **React**, **TypeScript**, and modern web technologies.

## PROFESSIONAL EXPERIENCE

### Senior Software Engineer, Product Engineering • The Minnesota Star Tribune

02/2026 – Present

Build scalable **React** and **Next.js** experiences that balance performance, accessibility, and the demands of a high-traffic media environment. Contributed to reusable architecture, **design systems**, and cross-functional delivery across internal product initiatives.

- Build and contribute to a multiplatform **design system** (web + mobile), developing reusable **React** and **TypeScript** components and shared UI patterns to ensure consistency across internal products and accelerate delivery of new initiatives.
- Develop shared frontend architecture and component structures in **React**, **Next.js**, and **TypeScript** to support reuse across multiple internal applications and teams.
- Collaborate with product and design teams, using Jira for project management and Slack to implement scalable UI systems and ensure consistent user experience across applications.
- Deliver accessible, responsive, and performance-optimized interfaces across multiple product surfaces in a high-traffic media environment.
- **Apply AI-assisted development workflows** to frontend engineering practices, leveraging code generation and debugging tools to reduce repetitive implementation work and improve iteration speed.
- Improve frontend maintainability by creating reusable **TypeScript** components, refining project structure, and documenting frontend patterns in Confluence for team-wide adoption.

### Frontend Developer, Advertising Operations • The Minnesota Star Tribune

02/2025 – 02/2026

Supported editorial and sponsored content platforms building scalable **React** and **Next.js** experiences that balance **performance**, **accessibility**, and the demands of a high-traffic media environment. Contributed to reusable component **architecture**, **design systems**, and cross-functional delivery across newsroom and advertising initiatives.

- Built, debugged and maintained advertising, branded-content, and promotional experiences across StarTribune.com using **Next.js**, **React**, **TypeScript** and **Vercel**.
- Integrated ad tech tools such as **Google Ad Manager** and **HTL Bid** to support display advertising, targeting, and monetization initiatives.
- Led the technical execution and launch of **MN Rising**, a new cause marketing editorial section front on StarTribune.com, serving as both frontend developer and technical project lead for an initiative supporting a **\$4M** revenue pipeline in Q1 of 2026.
- Spearheaded Foundry North initiatives by creating polished digital experiences for branded storytelling, sponsorships, and advertiser campaigns.
- Architected and developed a custom headless **content management system (CMS)** for Foundry North using **Sanity.io**, **TypeScript**, **React**, **GraphQL** and **Vercel** enabling non-technical teams to manage branded-content experiences independently.
- Advocated for an in-house development approach, eliminating the need for a third-party contractor, saving thousands of dollars in external development costs while ensuring long-term internal ownership and maintainability using existing enterprise technologies.

## Software Engineer • Poplin

03/2023 – 09/2023

Developed and enhanced a two-sided marketplace laundry service for web and mobile platform in a fast-paced startup environment.

- Built and optimized features using **Angular**, **JavaScript**, **Node.js** and **ionic** across web and mobile platforms.
- Led rebranding efforts, updating UI / UX across platform by adjusting color schemes, logos, and components with **CSS / SASS**.
- Resolved user authentication issues with **Google Firebase**, improving registration and login flows for a seamless user experience.
- Collaborated with customer service to troubleshoot technical issues, solve user support issues and addressed tickets in Jira working closely with engineers to deliver timely fixes.

## Senior Consultant, Front End Software Engineer • Slalom

08/2018 – 01/2023

Delivered frontend across healthcare and automotive clients, focusing on scalable UI systems, accessibility, and design system implementation.

UnitedHealthcare, brand.uhc.com | Healthcare Industry – Global Client

- Developed a user-friendly content management system (CMS) solutions using **Prismic**, integrating its **API** with **React** to customize components and content templates, improving efficiency and streamlining content management for a marketing / brand team.
- Collaborated with an internal accessibility team to ensure **WCAG** compliance, using **Semantic HTML** and **ARIA** to enhance accessibility and create an inclusive user experience.
- Integrated **OAuth** to ensure content privacy of internal marketing and brand content.
- Worked with UX designers to ensure design feasibility, responsiveness, and accessibility across desktop, websites, tablets, and mobile devices.

Cox Enterprises, internal website application | Automotive Industry – Nationwide Client

- Developed an internal website application prototype using **React / TypeScript** framework to leverage and contribute to the client's and **React Storybook**.
- Supported **CI / CD** pipeline for **DevOps** using scripts, **Jenkins** and **SonarQube**.
- Improved team dynamics with **agile** development lifecycle processes with user stories, backlog items, acceptance criteria, testing, documentation and analysis.
- Defined data modeling to assign component properties and identify **APIs** and **microservices**.
- Led a team of 3-4 developers providing technical direction, setting standards, strategy and guidelines for frameworks used.

## Software Engineer I • CH Robinson

01/2017 - 02/2018

- Reverse-engineered complex business logic from legacy **C#** and **VB.NET** codebases, enhancing performance and resolving critical bugs in core operations
- Developed responsive front-end interfaces with **Angular** and **Bootstrap**, ensuring consistent user experiences across devices and screen sizes.
- Implemented end-to-end (E2E) testing with **Protractor** and unit testing with **Jest**, achieving 90% test coverage to ensure robust code reliability.
- Collaborated in an Agile environment, utilizing **Azure DevOps** for version control and **Jenkins** for automated deployment, application release version control and streamlining the development workflow.

RELEVANT EXPERIENCE

Full Stack Software Engineer Apprentice • Prime Digital Academy

02/2024 – 07/2024

An immersive program as a *refresh to deepen my expertise in modern web application development technologies:*

- Frontend: **React, JavaScript, Node.js, Redux, Saga, Material-UI (MUI), Vite Framework, HTML / CSS / SASS.**
- Backend: **SQL, PostgreSQL, Postico, Postman, Heroku, Express.js, C# / NET, REST API.**
- Incorporated **Git / GitHub** for version control, and tools like **Excalidraw** and **Figma** for designing low-fidelity prototypes, mockups, and wireframes for collaboration.
- Executed coding exercises in **JavaScript, Node.js, React, C#/.NET, SQL**, and **Object Relational Mapper (ORM)**, emphasizing backend integration, **data modeling**, and **API-driven architectures** including seeding data.
- Communicated technical concepts and fostered a diverse and inclusive learning environment.

Group Capstone Project | House Checkup Digital

- Led the technical direction, contributing 70% of the codebase in **React, Redux, Saga** for frontend, and **PostgreSQL, Express.js** for backend.
- Integrated APIs backend services with **Express** and **Node.js** to enable data state management with **Redux**.
- Designed responsive, user-friendly UI/UX using **Excalidraw** ensuring consistent performance across devices.
- Integrated authentication middleware with **Passport** library and deployed the application using **Heroku**.

SKILLS

|                     |                         |                       |
|---------------------|-------------------------|-----------------------|
| HTML5 / CSS3 / SASS | UX / UI Design Concepts | CI / CD Pipeline      |
| React / Redux       | React Storybook         | Git / GitHub          |
| Node.js             | C# / .NET               | Trello / JIRA         |
| TypeScript          | Amazon Web Services     | Solution Architecture |
| JavaScript          | Angular                 | Web Accessibility     |

EDUCATION

**Full Stack Software Engineer Apprentice** • Prime Digital Academy, Minneapolis, Minnesota

**C# / .NET Backend Engineer Apprentice** • The Software Guild, Minneapolis, Minnesota

**Bachelor of Arts, Psychology** • University of Minnesota, Minneapolis / Saint Paul, Minnesota

**Associate of Arts, General** • Normandale Community College, Bloomington, Minnesota

CERTIFICATIONS

**Microsoft, Azure Fundamentals** • Credentials ID H902-1041

**AWS Certified Cloud Practitioner** • Credentials ID DTRHCT72LNBQ1VGM