



# Lucas Wong

## Senior Frontend Developer

Professional front-end developer with 7 years of hands-on experience in and meaningful contributions to implementing applications and solutions using a variety of programming languages and technologies. Active and passionate learner – always trying to stay up to date with the latest technologies. Emphasis on writing scalable, well-documented and clean code while ensuring that the customer is satisfied with the product and service provided.

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## WORK EXPERIENCE

### Frontend Web3 Developer Individual Programmer

01/2019 - Present

Canada

- Produced multiple visual elements of web applications by translating UI/UX design wireframes into code, producing high quality markup using **Next.js** and **Tailwind CSS**.
- Built the next version of client web application to add new user designs and features using **Vue.js**.
- Built frontend pages and implemented web3 integration for various blockchain web applications using **React/Redux**, **TypeScript**, **Tailwind CSS**, **Web3.js**, and **Ethers.js**.
- Created reusable **React** and **Vue** components for the date picker, dropdown, buttons, and input styles with modularity and DRY principles in mind according to the provided designs.
- Reworked completely a magazine site using **Laravel**.
- Delivered responsive, cross-browser compatible and accessibility compliant websites, achieving 19% faster load time than industry average.

### Full Stack Developer Ranosys Technologies Pte. Ltd.

09/2015 - 10/2018

Singapore

- Enhanced operational administration 40% by developing the company's overall management system utilizing **React.js** and **Node.js**.
- Designed and developed 20+ frontend and backend applications utilizing **React.js**, **Node.js**, **JavaScript** and **TypeScript**.
- Generated all business requirements by implementing performance-driven, user-centric web applications and sites that made effective use of **React/Redux** and **Node/Express**.
- Improved code design via utilization of **React** and **Redux** standard practices.
- Streamlined online product sales by building an e-commerce web app using **React.js** and **Next.js**.
- Utilized **HTML**, **CSS/SCSS** and **JavaScript** to create 80+ full-responsive and pixel-perfect landing pages.
- Implemented various REST APIs on a **Node.js** and **PostgreSQL** backend.
- Worked closely with an agile team of 10 members and provided end-to-end solutions for clients.

## EDUCATION

### Bachelor's Degree in Computer Science Singapore University of Technology and Design

05/2012 - 08/2015

Singapore

## SKILLS

JavaScript

TypeScript

React.js

Redux

Next.js

Vue.js

Angular.js

SCSS

Styled Components

Tailwind CSS

Node.js

Express.js

Nest.js

PHP

Laravel

MySQL

PostgreSQL

MongoDB

Blockchain

Smart Contract

Solidity

Rust

Hardhat

Web3.js

Ethers.js

useDApp

REST API

GraphQL

Git

AWS

Agile Development

## PERSONAL PROJECTS

### NFT Mint Website (07/2021 - 08/2021)

- Built the dapp with React.js and SCSS, wrote smart contract in Solidity and implemented web3 integration using Web3.js.

### NFT Marketplace (04/2021 - 06/2021)

- Produced frontend web pages using Next.js and Tailwind CSS, wrote smart contracts for creating collections, NFTs, and their sales, and BEP-20 token staking.
- Implemented web3 integration using Ethers.js.

### Carparts Service Platform (08/2020 - 09/2020)

- Implemented frontend in a pixel-perfect, fully responsive, cross-browser pages by using React.js and Tailwind CSS while ensuring high level of user experience.

### Online Shopping Website (07/2019 - 09/2019)

- Delivered an online shopping site with various payment methods.
- Used React/Redux and Styled Components for frontend and Node/Express for backend development.

## INTERESTS

Crossword Puzzle

Gardening

Camping