NICOLAS CHANG

SENIOR FRONTEND DEVELOPER ⚲ 91108, UNITED STATES ☎ +1 626 467 3805

DETAILS

1340 Pasqualito Dr | San Marino | CA
91108
United States
+1 626 467 3805
nicolaschang199@gmail.com

Date of birth
1991 / 01 / 10

Driving license
F1942014

LINKS

Linkedin

Github

Portfolio

LANGUAGES

English

Chinese

SKILLS

TypeScript

JavaScript

React

Redux

Next

HTML / SCSS

Jest

Node

Express

Python

Laravel

Solidity

NFT

Web3.js

Git

Docker

PROFILE

A Senior frontend developer who has been working as a professional web developer for more than 8 years, most proficient at frontend development.
Always produced and built **optimized, user friendly** web pages with great performance and rich user experience using **React, Next, Angular and Typescript**.
Also I have built **NFT**(minting & staking) smart contract with gas optimization using **Solidity, ERC721, ERC721a, ERC1155, Web3.js**.
From time to time got involved in full stack developer roles and once was in responsible of some kind of **leadership** as well.
Using **MERN** stack, I have done some kind of small projects totally by myself.
That surely improved my backend and full-stack development skills and experience.
My backend and full stack development skills would be **Javascript, Typescript, Node, GraphQL, MongoDB, MySQL, PHP** and **PHP frameworks** like **Laravel** or **CI**.
However, my main work is still focused on **frontend** development particularly using **React.js, TypeScript, JavaScript, Next.js**.
In conclusion, my strongest skills are **Javascript** / **Typescript** / **React** / **Node** / **GraphQL** / **AWS** / **Solidity** / **Web3.js**.

EDUCATION

Bachelor, Jiangxi University of Science & Technology, Ganzhou, Jiangxi
2009 — 2013

EMPLOYMENT HISTORY

Senior Frontend Developer at Velog, Seoul
January 2018 — June 2022

- Developed new **user-facing features** using **React.js**
- Developed **Wulfz**(ERC721) and **TribeX NFT**(ERC721a) smart contract and did web3 integration with **React.js** & **Next.js** frontend.
- Developed **Takaprotocol GraphQL subgraph** similar with uniswap v3 subgraph using **Typescript** & **GraphQL**.
- Built **reusable components** and **front-end libraries** for future use using **React.js** & **Typescript** & **Angular**
- **Optimized components** for **maximum performance** across a vast array of **web-capable devices** and **browsers** using custom hooks.
- Worked together with an engineering team, a designer & a project manager to achieve the **goals of the application Estimated tasks** using **Git**, **Jira**, **Trello**.
- Provided **help** and **guidance** to other engineers on the project as **lead** developer.
- **Improved** loading & fetch speed(12%) using AWS **Lambda**, **S3**, **CloudFront**, **Route 53**, **EC2**

Frontend Developer at TopicPro, Chicago
November 2015 — December 2017

- Built and implemented the **user interface systems** of websites, software programs, and web-based applications using **React.js**, **GraphQL**, **Node.js**, **Docker**.
- Provided a satisfactory **user experience** with no issues, errors, or downtime.
- Created and Optimized systems, played an **active role** in testing and troubleshooting, and resolved issues such as those related to **accessibility** and **browser compatibility.**
- Often **served** as an intermediary bridging the **gap** between the user and the backend developers, and tweak tools and platforms to adapt to real-world use situations

- **Reviewed** and **debugged code** using JS test libraries and frameworks such as **Jest**, **Chai**.
- Developed **fully functional web applications** that align with business objectives.
- Followed the **best practices** in developments and **improved** them using **React.js**, **Node.js**, **Laravel**, **MongoDB**.
- Created high resolution **mockups** to test **interfaces** with users.

Freelancer on Upwork.com
May 2013 — October 2015

- Did freelancing on Upwork.com, Freelancer.com.
- Worked with almost **50 clients** from all over the world, did **full-stack development** mostly using **MERN** Stack.
- Developed frontend website **architecture** on **Figma** design using **HTML / CSS** **React.js**, **Next.js**.
- Developed backend & database using **Enterprise Architecture** for **db** design, **Laravel**, **Node.js**, **Typescript**.
- Created relation & non-relation **databases** for functionality using **PostgreSQL** **MySQL**, **MongoDB**.
- Ensured **cross-platform optimization** for mobile phones.
- Ensured **responsiveness** of applications using **bootstrap** layout, **CSS**, **SCSS**.
- Saw through a project from **conception** to **finished** product.
- Designed and developed Restful **APIs** using **Express**, **Laravel**.
- Got **good** reviews with 100% **high-quality** projects.

★ TYPICAL PROJECT

https://bondlingo.tv

BondLingo is an online platform that offers more than 500 lecture videos and hundreds of JLPT problems to assist people to learn Japanese. It also provides features for users to feel free to create their own problem sets or movies. The client requested us to establish a platform where people can acquire the Japanese language. The integrated Mobile App needs to enhance creativity and make teachers gain self-confidence in creating and distributing every lesson plan. To suit the client's requirements, our team of 9 developers built a web-based solution and mobile app utilizing some technologies such as NodeJS, WordPress, and ReactJS. I took part in this project as a React JS developer.

TECHNOLOGY STACK:

Node.js, React.js, HTML / SCSS, Typescript, Jest

https://apkpure.com/lolly-chat-with-idols-old/com.myfans

Powerlook is one of the fastest-growing e-commerce brands in India which offers a unique range of men's casual wear with a shade of western touch.
Powerlook is a family-owned business that started its first retail shop in 2010.
They have three retail shops in Andheri. Borivali and Thane in Mumbai.
In this project, I was in charge of frontend development using React and Emotion.

TECHNOLOGY STACK:

React-Native, PHP, JQuery, MongoDB, Redis, AWS EC2, S3, Lambda

https://www.powerlook.in

Powerlook is one of the fastest-growing e-commerce brands in India which offers a unique range of men's casual wear with a shade of western touch. Powerlook is a family-owned business that started its first retail shop in 2010. They have three retail shops in Andheri.
Borivali and Thane in Mumbai. In this project, I was in charge of frontend development using React and Emotion.

TECHNOLOGY STACK:

Node.js, React.js, Emotion, Webpack, Bootstrap