NICOLAS CHANG

SR FRONT-END ENGINEER

Javascript | React | Angular | Typescript | Node | GraphQL | AWS

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Summary

A **Front-End Engineer** who has been working as a professional web developer for more than
10years, most proficient at **front-end development** using **Javascript**.
Produced optimized, user-friendly web pages using **React, Angular,** and **Typescript**.
Influenced **full-stack** and **back-end development** and often managed **leadership** roles as well.
Using **MERN** and **MEAN** stack, completed 5+ projects alone.
In addition, have relevant experience in making **smart contract** and experienced **Defi** and **NFT**.
However, **heavily focused** on the **frontend** part particularly using **JS frameworks and libraries**.
The strongest skills are
Javascript / React / Angular/ Node / Typescript / GraphQL / AWS.

English

Korean

Chinese

Education

2008 – 2011

Minnan University of Science and Technology

- Bachelor's degree in Computer Science
- Studied web development and walked through online courses

Skill set

- Javascript(ES6)
- Typescript
- React
- Angular
- Redux
- Jest
- Node
- Express
- Laravel
- Mysql
- MongoDB
- Postgresql
- Graphql
- Solidity
- Web3.js
- AWS
- Azure
- Git
- Dokcer
- WebSocket

Work experience

Jan 2020 - Mar 2022
Front-End Software Engineer

Velog, Seoul (**Remote**)

- Developed new user-facing features using **modern JS frameworks** and libraries **React.js and Angular**
- Completed plan, design, build and implement the user interface in almost **5 large projects**
- Worked with **Redux** to manage the global states and **Redux-Saga** to control the redux store
- Built almost **100 reusable components** and front-end libraries for future use
- In **4+ projects**, introduced the correct library and algorithm to reduce the page load time by **70%**
- Facilitated **8 ongoing projects** and speed up by nearly **80%** than before
- Optimized components for **100% maximum performance** across a vast array of web-capable devices and browsers
- Collaborated together with an engineering team, a designer, and a project manager to achieve the goals of the application, then led to a **40% increase** in productivity
- Improved the process that resulted in a 20hour time saving per week that saved **$10K cost**
- Provided help and guidance to **4 junior developers** on the project
- Experienced leadership in **3 medium-size** eCommerce projects leading the engineering team
- Led and launched a big e-commerce project which received **20K unique hits** and also **1000 paying clients** in **2 weeks**

Nov 2014 - Dec 2019
Front-End Developer

A4SAFE, Stafford

- Implemented a **90+** satisfactory user experience with no issues, errors, or downtime
- Created and optimized systems played an **active role** in testing and troubleshooting, and increased accessibility and browser compatibility by **40%**
- Often served as an intermediary bridging the gap between the user and the backend developers, and tweaked **3 tools** and **platforms** to adapt to real-world use situations
- Reviewed code and once upon a time, reduced the amount of code by **25,000 lines**
- Organized **20+ high-resolution** mock-ups to test interfaces with users
- Finished 5+ small projects alone using **MERN** or **MEAN** stack for faster **cross-platform** development

Nov 2011 - Nov 2014
Full Stack Developer

CoreLogic, Los Angeles

- Influenced in both **front-end** and **back-end** for **20+** website applications
- Set servers and databases functionalities to reduce the request time by **30%** using PHP
- Ensured **100% cross-platform** optimization for both mobile phones and websites
- Ensured responsiveness, rich user experience, and great user interface of applications
- Designed and constructed APIs and cut down the request handling time by **20%**
- Stayed abreast of developments in web applications and **5+** programming languages