

Nicolas Chang

Professional **React Engineer**

(Javascript | React | Node | Typescript | GraphQL | AWS)

Contact

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Skill set

React	MongoDB
Next	Postgresql
Gatsby	GraphQL
Redux	Solidity
Jest	Web3.js
Node	AWS Azure
Express	Git
Laravel	Docker
Mysql	WebSocket

Language

English / Korean / Chinese

About Me

A **React Engineer** who has been working as a professional web developer more than **6 years**, most proficient at frontend development using **React and Javascript**.

Always produced and built **optimized, user friendly** web pages with great performance and rich user experience using **React, Next, Angular and Typescript**.

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 skills in terms of backend and full stack development would be **Javascript, Node, GraphQL, MongoDB, MySQL, PHP** and **PHP frameworks** like Laravel or Wordpress.

In addition, I have some relevant experience in **smart contract** development using **Solidity** when it comes to the **blockchain technology** such as **Defi, NFT** and something like that.

However, my mainly work is still focused on **frontend development** particularly using React and Javascript.

In conclusion, my strongest skills are **Javascript / React / Node / Typescript / GraphQL / AWS**.

Education

2011 – 2015

Jiang Xi University of Science & Technology

- Was a member of a basket ball team
- Specialty was the computer science
- Bachelor's degree
- Studied web development and walked through online courses

Courses & Trainings

- Web Design for Everybody Specialization Course
University of Michigan (Online course)
- Front-End Web Developer Learning Path
Lynda.com
- Web Developer Bootcamp
Udemy.com
- The Complete Javascript Course
Udemy.com
- GraphQL with React: The Complete Developers Guide
Udemy.com

Work Experiences

React Engineer at Velog, Seoul (Remote)

Jan 2020 – Mar 2022

- Developed new **user-facing features** using **React.js**
- Built **reusable components** and **front-end libraries** for future use
- Translated **designs and wireframes** into **high quality code**
- **Optimized components** for **maximum performance** across a vast array of **web-capable devices and browsers**
- Worked together with an engineering team, a designer and a project manager to achieve the **goals of the application**
- **Estimated tasks** accordingly based on your past experience
- Provided **help** and **guidance** to other engineers on the project
- **Monitored** and **improving** front-end performance

Front-End Developer at TopicPro, Chicago

Nov 2017 – Dec 2019

- Did plan, design, build, and implement the **user interface systems** of websites, software programs, and web-based applications
- 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**
- Developed **fully functional web applications** that align with business objectives.
- Followed the **best practices** in developments and **improved** them.
- Created high resolution **mockups** to **test interfaces** with users.

Freelancer on Upwork.com

Apr 2015 – Oct 2017

- 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 front end website **architecture**.
- Developed back-end website **applications**.
- Created **servers and databases** for functionality.
- Ensured **cross-platform optimization** for mobile phones.
- Ensured **responsiveness** of applications.
- Worked alongside **graphic designers** for web design features.
- Saw through a project from **conception** to **finished** product.
- Designed and developing **APIs**.
- Met both **technical** and **client needs**.

Typical projects

<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
- HTML / SCSS
- Wordpress

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

Lolly Idol Chat app connects teenagers with their favorite youth celebrity and enables 1 on 1 chat.

Interactive portal for social media influencers and their fans. Fans can send virtual gifts, chat and exchange snap moments with their favorite Instagram idols. There is a leaderboard to show who is your most popular idols and your top fans. Accumulate enough virtual gifts to redeem for cash.

I was in response to developing software solutions by studying information needs, conferring with users, studying and designing systems flow, data usage and etc.

I made the documents and demonstrated solutions by developing documentation, flowcharts, layouts, diagrams, code comments, and clear code.

Sometimes, I had to update my job by studying programming techniques and computing equipment, participating in educational opportunities, reading professional publications and etc.

Our team developed the following features based on customer requests:

The user gets updated with their favorite idols and influencers private snaps

User can show their appreciation by sending virtual gifts

Grow fan base, keep the followers engaged by showing interesting offers

TECHNOLOGY STACK

- React-native
- PHP
- jQuery
- MongoDB
- Redis
- SOQL
- AWS EC2
- AWS S3

<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

- React
- Emotion
- Webpack
- Bootstrap