

Ping Cheng

Frontend Engineer

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PROFESSIONAL EXPERIENCE

Giftpack, Remote — Frontend Engineer Intern

February 2020 - Present

Responsible for all feature development and UI performance optimization of giftpack.io

- Migrated and refactored the entire server-side rendered React application to Next.js following best-practices, which led to more than 95% greater performance along with enhanced SEO and greater accessibility
- Architected a brand new flexible project structure to efficiently manage the migrated codebase while migrating from JavaScript to Typescript
- Developed and deployed the mobile app "Giftpacker" gifting delivery system from scratch using React Native, accessible to 200+ of Giftpack's internal delivery packers
- Closely collaborated with a team of UI/UX Designers to build user-friendly, highly interactive interfaces using tools such as Figma, Zeplin

HIGH5.AI, Taiwan — Software Engineer Intern

June - September 2019

Responsible for developing and maintaining the B2B dashboard written in Angular which manages customer chatbot templates

- Incrementally migrated existing monolithic web service into microservices, added integrations supporting Facebook's Messenger and LINE's messaging API
- Day-to-day pair programming sessions within the engineering team to produce efficient code with shared ideas and knowledge

PROJECTS

use-optimistic-reducer

Typescript, React Hooks, ImmerJS

A lightweight React hook for handling optimistic UI updates and potential race-conditions by making use of the *useReducer* hook to manage component states underneath the hood. Published and documented on npm and Github.

Wahdapp

React Native, Expo, Redux, react-i18next, Next.js, Firebase SDK, Flask, SQLAlchemy

Online platform targeted for Muslims around the globe to invite or search for congregational prayers on the go or even within local areas.

SKILLS & TECHNOLOGIES

Languages

Typescript, ES6+ JavaScript, HTML, CSS, Elixir, Python, Node.js

Frameworks & Libraries

React, Redux, Next.js, React Native, Framer Motion, Tailwind CSS

Tools & Platforms

Git, ESLint, Prettier, Yarn, Vercel, Netlify, Firebase, Apiary, Github Actions, Lighthouse CI, Jest

AWARDS

Hackathon — 1st Place

December 2020, Turkey

Hackathon based on cyber security, sponsored by Turkish Cyber Security Cluster.

EDUCATION

Bilkent University — Ankara, Turkey

Sep 2017 - May 2021 (Expected)

Bachelor of Science

Department of Information Systems and Technology

TECHNICAL BLOG POSTS

▸ [How we have built the new Giftpack.io with Next.js](#)

▸ [Implementing JWT authentication in MERN stack with GraphQL](#)

LANGUAGES

Chinese, English, French, Turkish, Japanese, Arabic