Hanspeter (Hurlimann) Zhang

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Summary

Senior Software Engineer with 9 years of experience.
I'm proficient in React, Next.js, Typescript and Node.js and built a number of projects for various client.

Experience

Fullstack Developer (Remote)

Modern Tribe

Jan 2022 - Jan 2023 (1 year 1 month)
- Developed web & mobile applications for managing events and tickets with React
- Developed and maintained REST API based on micro services with Nest.js
- Updated Legacy React & React Native apps which has hundreds of thousands of users
- Integrated Unit Testing and Integration Testing
- Deployed apps for both of iOS and android using App center

Senior Front-end Developer (Remote)

vidIQ

Jul 2021 - Dec 2021 (6 months)
- Maintained large-scale web application for millions of YouTubers with React and Redux.
- Added new features and screens for upgrading app.
- Integrated REST APIs and GraphQL
- Upgraded performance of the web applications
- Implemented AB tests to improve user experience

Senior Full-stack Developer

Luxtars

Jul 2018 - Jun 2021 (3 years)
- Upgraded an old version of a React/Redux app to the latest version in a way that all the components are strongly typed function components using React Hooks APIs, TypeScript, Context API, and GraphQL.
- Developed a React Native app for students from scratch to MVP and production utilizing Redux, GraphQL, and Realm - offline storage.
- Developed a customer service app integrating Firebase real-time database and Firestore with React, Redux, and TypeScript styled with Bootstrap and SCSS.
- Optimized the performance of a React app by analyzing the issues, and downsizing the bundle by half.
- Built out reusable and modular components like Layouts, Forms, and Modals that are shared across the app using React Hooks, Tailwind, and Emotion.
- Wrote unit and E2E tests for React components and apps using Jest, Enzyme, and Cypress.
Ported the React web app to Desktop apps compatible with macOS, Linux, and Windows 7+ using Electron.js.

- Contributed to building an internal workforce management system to be mobile responsive and PWA using Angular.

Technologies: React, Redux, GraphQL, TypeScript, Electron.js, Cypress, Jest, RESTful API, SPA

Senior Front-end Developer (Remote Contract)
Netcetera, LLC
Jun 2017 - Jun 2018 (1 year 1 month)
- Refactored and upgraded an existing Angular codebase to improve the performance and solve complex UX problems.
- Implemented reactive Angular components for subscribing to multiple data sources and showing the fetched data.
- Designed, implemented, and maintained features of the Urby
app and Chrome extension using React, Redux, Apollo and
GraphQL
- Drove up Javascript Jasmine unit test coverage from 21% to 25%
Modernized legacy CommonJS codebase by leading, and
participating in ESM migration of over 1,700 javascript files

Front-end Developer
Celonis Labs
Jun 2016 - May 2017 (1 year)
- Optimized the performance of a React app by analyzing the issues, and downsizing the bundle by half.
- Implemented reactive Angular components for subscribing to multiple data sources and showing the fetched data.
- Developed a customer service app integrating Firebase real-time database and Firestore with React, Redux, and TypeScript styled with Bootstrap and SCSS.
- Optimized the performance of a React app by analyzing the issues,
- Frontend specialist of Click and Collect team: enhanced the store
selector and time scheduler, created dynamic hero banner, site
phase II launching, improved internal warehouse HighJump
WebWise application
- Frontend developer of AssistHR team: proposed and introduced
ReactJs, site performance investigation and improvement, cross
platform support, sprint planning, launch planning

Web Developer
VertexPlus
Oct 2014 - Mar 2016 (1 year 6 months)

Web Developer
SCI-TECH, Inc
May 2013 - Mar 2014 (11 months)

Education

Tsinghua University
Bachelor's degree, Developer Program
Apr 2009 - Nov 2013

Licenses & Certifications

MongoDB Certified Developer, Associate (C100DEV) - MongoDB University

Certified Internet Webmaster JavaScript Specialist - JavaScript Institute

Skills

Apollo GraphQL • Amazon Web Services (AWS) • A/B Testing • Jest • React.js • JavaScript •
Node.js • MongoDB • Redux.js • React Native