Robert Da Huo

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Visa Status: permanent resident
Portfolio: https://www.devhuo.com/

Summary

- **6+ years** of practical experience in developing complex, high profile Commercial projects in Agile/Scrum team as **a senior full stack developer, team lead and scrum master(certified).**
- Specialized in **React.js**, **TypeScript**, **Node.js(Express/Nestjs)** and **.Net Core** to deliver testable, maintainable, and reusable code.
- A clear, concise, and effective team player in teamwork.
- Adaptable, self-motivated , enthusiastic engineer with positive attitude and Great analytical and problem solving abilities, maintaining a high level of efficiency under high pressure.
- Practical knowledge of web development technologies, and always willing to learn and develop new technical skills.

Skills

Front-end:	HTML5, CSS3, SASS/LESS, Bootstrap4, JavaScript(Vanilla, ES6+), jQuery, React.js, TypeScript, NextJS, Redux.js, Material-UI, Ant-design
Back-end:	Node.js(Express.js / NestJs), C#, .NET Core, web3.0 solidity
API:	RESTful API, GraphQL(Apollo/Relay)
Database:	MySQL, PostGresql, MongoDB
Tools:	Git, BitBucket, JIRA, Trello, NPM, Azure,
Cloud Services:	AWS(Route 53/lambda etc), Heroku
Methodologies:	Agile/Scrum/Kanban, TDD

Experience

Lead Front end Engineer   Dec 2021– Now
Pikcha, Melbourne

- **Lead** a frontend developing team with up to **8 devs** to build the **world's first global copyright register and IP online marketplace** by using **NextJS, React, Typescript**, develop the core work flows including manual creations, onboarding process and assets uploading etc in person, which helped attracted **millions dollars of investment.**
- Set code standards, review merge requests, coach developers, segregate issues based on capacities and track issues, increase the team **efficiency more than 40%.**
- Pick up and track the latest update of trending technologies to optimize the performance and user experience of the webapp, helping setting up different environments to produce different environment including developing, testing, staging and production.

- Create and publish reusable components library based on tailwind, and create unit test cases for core components, which covers **more than 90% of the code.** The component library is used across more than 4 different frontend apps, and it gives consistent UI theme while **reducing developing time more than 50%.**

Senior Full Stack Engineer   Dec 2020– Dec 2021
Pikcha, Melbourne

- Use **ReactJS**, **NodeJS**, **C#(.NET CORE)**, **MYSQL**, **TypeScript**, **BlockChain Solidity**, **express** and other third party libraries to build **the word leading Limited-edition art prints online trading platform.**
- Work with an **Agile** team and build core features on both frontend and backend, including artwork cropping, uploading, ranking systems and shopping carts, and helps the website attracts thousands of artists registering and collects **more than 10,000 artworks.**
- Use code spliting, React Hooks, pure components and correct strategies to optimize website performance, **reduce code size to 70%** and improve core flow website **response speed 33%.**

Full-stack developer   Nov 2019 – Dec 2020
JR Academy, Remote

- Worked with an Agile team, implemented a server-side rendered company website and an online learning dashboard used by students and mentors based on **MERN Stack(MongoDB, Express, ReactJS, Node.JS)**, HTML template engine Pug and Sass, used Git and Bitbucket for version control. Developed main functions of official website and dashboard by following the BA's instructions.
- Frontend Tasks: Managed states by **Redux-saga**, built responsive webpages and scalable user interface based on the Zeplin UI design, managed data-flow using network, refactored existing code from commonJS to ES6, refactored existing JavaScript codes to TypeScript code.
- Backend Tasks: Designed RESTful APIs and implemented CRUD nodejs server, refactored existing code from commonJS to ES6, manipulated mongodb database by using mongoose.

Web developer   May 2018 – Oct 2019
Kinly Beauty, Melbourne

- Maintained and designed existing website to a responsive and user-friendly website, developed a brand new website by using Wordpress.
- Renewed company information and relevant materials.
- Fixed css styles to meet the design pattern requirements.
- Implemented simple SEO managements.

Software developer   Oct 2015 – Feb 2016
IBM China, Dalian China

    Written in Java, Javascript, HTML, CSS , the project was developed for Coco Cola and P&G.
    Made unit test and black box test.

- Worked in an Agile team, Organized and communicated team agenda, prepared test plan and cases.

Freelancer   Jan 2018 – Now

As an independent developing full-stack engineer, use React, Redux, NodeJS(Express), GraphQL, AWS, WordPress, etc to build/update/maintain new/existing websites.

Develop, publish and keep maintaining npm packages as an author or maintainer. Including UI component library(with a more than 50 peak downloading per week) and Web3 services

Education

Master of Information Technology, University of Melbourne, AUSTRALIA, 2016-2017
Bachelor of Computer Science and Technology, Jilin University, CHINA, 2011-2015

Certificates

Certified ScrumMaster offered by **SCRUM ALLIANCE** on Aug 29, 2023

Referees

Available upon request