RAY TSAI

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Professional Summary

Senior Software Engineer with 10+ years of experience in front-end development, specializing in building high-performance, user-friendly web applications. Proven track record in developing and maintaining large-scale projects using modern JavaScript frameworks and cloud technologies.

Key Skills

- TypeScript
- JavaScript
- React.js
- Vue.js
- Node.js
- CSS (Tailwind, MUI, Emotion)
- Graphql (Apollo)
- AWS (CloudFront, EC2, S3)

- Docker
- Web API
- HTML
- Responsive web design
- Performance optimization
- Cross-browser optimization

Work Experiences

Senior Software Engineer
Omny Studio
Fed 2020 - Sep 2024

Skill performed	Key tasks
❏ TypeScript ❏ JavaScript ❏ React ❏ MUI ❏ Emotion ❏ Apollo ❏ Node.js ❏ GraphQL ❏ Next.js ❏ AWS Lambda	• Engineered and maintained high-traffic podcast advertising platforms using React, TypeScript, Next.js, Jest, and GraphQL • Developed custom Node.js resolvers to seamlessly integrate API functionality with GraphQL schema • Deployed AWS Lambda functions to efficiently manage cloud resources

Senior Front End Developer
KPMG
May 2018 - Nov 2019

Skill performed	Key tasks
❏ Angular ❏ TypeScript ❏ Javascript ❏ D3 ❏ C# Razor ❏ CSS / SCSS ❏ HTML5 ❏ Webpack ❏ Web API ❏ Responsive web ❏ Performance optimization ❏ Cross-browser optimization	● Develop reusable Angular components for internal accounting and HR software ● Create financial review charts and graphs using D3, integrating with C# backend ● Optimize application performance through script and image optimization, and implement asynchronous data fetching ● Collaborate with in-house designers to implement Angular components based on Adobe XD design patterns

Lead Front End Developer
Plot Media
Dec 2014 - Apr 2018

Skill performed	Key tasks
❏ Vue.js ❏ Angular ❏ Javascript ❏ Wordpress ❏ PHP ❏ AWS S3 and EC2 ❏ HTML5 ❏ CSS / SCSS ❏ Webpack ❏ Web API ❏ Responsive web ❏ Performance optimization ❏ Cross-browser optimization	● Lead technical strategy development for diverse business requirements ● Implement web performance best practices, including script minimization, image optimization, and strategic use of asynchronous scripting ● Develop responsive Vue.js web applications compatible across multiple devices and platforms ● Create custom WordPress themes with responsive designs for various devices

Key works: piermont.com.au

Lead Front End Developer (part-time)

MRI PRO

https://www.mripro.io/

2020 - 2023

Skill Performed	Key tasks
❏ Vue.js ❏ Vuex ❏ AWS S3 and EC2 ❏ Docker ❏ AWS API ❏ Stripe API ❏ WordPress	• Led and Developed medical imaging learning application using Vue.js, Vuex, and AWS services • Implemented medical imaging data using AWS S3, Cloudfront and EC2 • Designed and implemented custom REST APIs with PHP • Integrated Stripe API for payment processing

Education

Monash University

Bachelor of Multimedia and Digital Art

2008-2011

Values

- Maintainable, robust code
- Fast, responsive interface
- Intuitive, useful functions
- Communication and teamwork