Melvin Vu

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https://melbesnard85.github.io

An innovative and passionate front-end developer with a pixel-perfect design sense and ability.

Comfortable with both frontend and backend in Crypto domain in remote roles.

I particularly enjoy working with client-side tools like Html, Css, Javascript, TypeScript, React, Angular and Vue in Agile environment.

Experience

Front-end Developer

Miidas   09/2021 to 01/2024

- Created frontend using UX design in a pixel-perfect and user friendly way.
- Created frontend to integrate Live video conferencing & collaboration function using WebRTC.
- Developed a blockchain-based NFT marketplace platform using React, Redux Toolkit, Material-UI, Storybook, and Web3.js.
- Introduced an atomic design with descriptive documentation using Storybook and configured its UI library and design system on the top of Material-UI using all the reusable components like atoms, molecules, and organisms.
- Built a user-friendly filtering functionality and boosted the code quality and performance significantly.
- Created several muti-chart like Line chart, Bar Chart, Pie Chart and Bubble Chart within backend APIs integration.
- Created test cases for frontend using Jest.
- Integrated ChatGPT api in user QA page.

Skills: React, TypeScript, Tailwind CSS, Material-UI, WebRTC, Web3.js, Webpack, CanvasJS Chart, Node.js, ChatGPT, Jest

Education

Hanoi University
2013 – 2017
Bachelor's Degree in Computer Science

Highlights

- Html, CSS | SASS
- Bootstrap | Tailwind CSS Material UI
- Javascript, Typescript
- React | Redux | Redux-thunk, Next.js
- Angular, Rx.js
- Vue | Nuxt
- Node.js | Express
- PHP | Laravel | Wordpress
- MongoDB, SQL, MySQL, Postgresql, GraphQL, Cassandra
- Microservices
- RestAPI
- Elasticsearch
- WebRTC
- Storybook
- ChatGPT
- Solidity | Web3 | Ethers

Full-stack Engineer

Wee Bee Kids Inc   05/2019 to 08/2021

- Created frontend using figma design for mobile responsiveness.
- Led the development of a unified rich text editor that runs on mobile, desktop, and web for users.
- Developed a JavaScript-based image annotation app that runs on desktop and web, it also allows for re-editable PNGs/JPGs by storing vector annotation data in the image binary.
- Created a feature to present Angular-based pages in a full-screen auto-generated presentation with advanced user controls and layout options.
- Integrated a build pipelines of 5+ complex applications to reliably use common rich-text editing component.
- Developed a custom vector graphics library for use in annotating both bitmaps and PDFs.
- Plan and deploy micro services using serverless framework.

  Skills: Angular, NgRx, Rx.js, EJ2, Tailwind CSS, PHP, MySQL

Front-end Developer

Homyse   10/2017 to 04/2019

- Worked on providing API endpoints with Node.js and MongoDB.
- Built from scratch admin platform for managing platform's database entities and users using React, Node.js, and Mongoose.
- Implemented complex UI components with React/TypeScript and SCSS.
- Improved the UX by creating several DnD-based components.
- Created mobile app and integrated with backend APIs using IONIC framework.
- Wrote scripts to use and manipulate data from various sources.

  Skills: TypeScript, Redux, React, JavaScript, Tailwind CSS, Node.js, IONIC, REST API, Google Cloud Platform (GCP), WebSocket, Webpack, Mongoose, Jest

My Projects

https://brise.miidas.com/

https://bitkong.com/

https://www.auctionity.com/

https://kid-bee.com/

https://le-mugs.com/

https://www.homyse.com/

Tools

AWS, docker, nginx, Google APIs, Jira/Confluence, NPM, Git, Subversion(SVN), Firebase, Moralis, IPFS

Hobbies

Playing Go - great way to unwind, destress, and keep the mind sharp.