

Melvin Vu

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<https://melbesnard85.github.io>

10 Rue Guynemer, 85000 La Roche-sur-Yon, France

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 , React Native and Vue in Agile environment.

Experience

Front-end Developer

Miidas

09/2021 to 02/2024

- 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 multi-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.
- Created a **React Native** mobile application, integrating **Auth0** for authentication, Firebase Cloud Messaging (**FCM**) for push notifications, and various third-party APIs to enhance functionality and user experience.

Skills: React, Redux, Next.js, Storybook, TypeScript, TailwindCSS, Material-UI, WebRTC, Web3.js, Webpack, CanvasJS Chart, Node.js, ChatGPT, Jest, React Native, Firebase

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
- React Native
- 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 (**SPA**) Angular-based pages in a full-screen auto-generated presentation with advanced user controls and layout options.
- Integrated build pipelines of 5+ complex applications to reliably use common rich-text editing components.
- Developed a custom vector graphics library for use in annotating both bitmaps and PDFs.
- Implemented **Microservices** using a serverless framework.
- Developed a **React Native** mobile application and implemented a real-time messaging feature using **WebSockets**, ensuring seamless and instant communication between users.

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

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**, **Redux**, **TypeScript** and **SCSS**.
- Improved the UX by creating several DnD-based components.
- Created a mobile app and integrated with backend APIs using the **IONIC** framework.
- Wrote scripts to use and manipulate data from various sources.

Skills: TypeScript, React, Redux, Next.js, 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.