

# Melwin Besnard

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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.



## Experience

### Front-end Developer

#### T7T Labs

09/2020 to 10/2022

- Prepared software architecture document detailing user flow, logical diagram, technology composition, Microservices, Architectural justification.
- Created frontend using UX design in a pixel-perfect and user friendly way.
- Created frontend to integrate Live video conferencing & collaboration function using WebRTC and JavaScript.
- Implemented wallet connection using web3.js.
- Created test cases for the both front-end and back-end using Jest / Mocha.
- Plan and deploy micro services using serverless framework.

### Front-end Developer

#### Miidas

04/2018 to 08/2020

- Developed a blockchain-based NFT marketplace platform using React, Redux Toolkit, Material-UI, Storybook, Ethers.js, and MetaMask.
- 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.

## Education

Bachelor's degree: Nanyang Technological University - 2013  
50 Nanyang Ave, Singapore

## Highlights

- Html, CSS | SASS
- Bootstrap | Tailwind CSS
- Material UI
- Javascript, Typescript
- React | Redux | Redux-thunk, Next.js
- Angular, Rx.js
- Vue | Nuxt
- MongoDB, SQL, MySQL, Postgresql, GraphQL, Cassandra
- Microservices
- RestAPI
- Elasticsearch
- WebRTC
- Storybook
- Solidity | Web3 | Ethers
- BTC | ETH | BSC | Polygon
- Avalanche | Solana

## Full-stack Engineer

### Wee Bee Kids Inc

06/2015 to 03/2018

- 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 HTML-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.

## Front-end Developer

### Homyse

09/2013 to 05/2015

- Worked on providing API endpoints with Node.js/Inversify 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.
- Wrote scripts to use and manipulate data from various sources.

## 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.