

# TECHNOLOGY CHOICES

that enable to consistently  
deliver high quality frontend  
solutions at speed



# Me

- ✓ Works at Mirahi
- ✓ Technical Quality Control Manager
- ✓ Foody and Japan lover



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# Context







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# Agenda



- 1. Nx**
- 2. (Meta) Frameworks**
- 3. State management**
- 4. Design & Styling**
- 5. Accessibility**
- 6. Testing**
- 7. Conclusion**







Nx





```
/workspace → npx create-nx-workspace ludicrous-narwhals
```





```
/workspace → npx create-nx-workspace ludicrous-narwhals
```

What to create in the new workspace

**empty** [an empty workspace with a layout that works best for building apps]

react [a workspace with a single React application]

angular [a workspace with a single Angular application]

next.js [a workspace with a single Next.js application]

nest [a workspace with a single Nest application]

express [a workspace with a single Express application]

web components [a workspace with a single app built using web components]

(Use arrow keys)



```
/workspace → npx create-nx-workspace ludicrous-narwhals
```

What to create in the new workspace `react` [a workspace with a single React application]

Application name `tuxboard`

Default stylesheet format

### CSS

SASS(.scss) [<https://sass-lang.com>]

Stylus(.styl) [<https://stylus-lang.com>]

LESS [<https://lesscss.org>]

styled-components [<https://styled-components.com>]

emotion [<https://emotion.sh>]

styled-jsx [<https://www.npmjs.com/package/styled-jsx>]

(Use arrow keys)

# Monorepo folder structure

```
ludicrous-narwhals/  
├── apps/  
├── libs/  
├── tools/  
├── workspace.json  
├── nx.json  
├── package.json  
└── tsconfig.base.json
```





# Learning how to fix monorepo by using them



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# **(Meta) Frameworks**



**React**

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**NEXT**.JS



**Remix**



**Vue.js**

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**NuxtJS**



# Svelte



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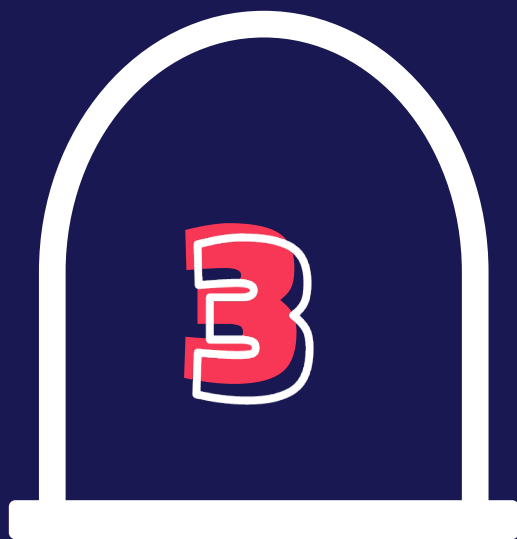


# Angular

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# State management



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# Local



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# Global





- Next: context -> jotai
- Nuxt: built-in store (vuex) or pinia
- Svelte: built-in store
- Angular: Rxjs service -> NgRx or Akita



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# Server



**isLoading, error, data**

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# React Query



# SWR

# Orval

## Typescript model and react query generator for Open API



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# Design & Styling





**Design**

# Figma

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# Tokens

GROWTH SESSION



# Tailwind or Stitches

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tailwindcss





# Unstyled component

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# **Accessibility**



# Component library

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# Testing

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**Testing**



#### THE FOUR TYPES OF TESTS

### End to End

A helper robot that behaves like a user to click around the app and verify that it functions correctly.

Sometimes called "functional testing" or e2e.

### Integration

Verify that several units work together in harmony.

### Unit

Verify that individual, isolated parts work as expected.

### Static

Catch typos and type errors as you write the code.





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# To sum up

