Front-end Skills

Prepare

- Computer; MacOS, Windows, Linux
- Browser; Chrome, Edge, Safari, Firefox
- Rext Editor; VS Code, IntelliJ, Atom, Sublime Text
- Terminal; Powershell, Bash, zsh

- Editor; VSCode, WebStorm,...
- Browsers; Chrome, Edge, Firefox, Safari, ...

Basic

- HTML; HTML Tags, Page Structure, Semantic Tags, SEO, Accessibility ...
- CSS; Styling, Layouts, Responsive Design, Animation, Sass, less, PostCSS, ...
- JavaScript; ES6+ Syntax, Browser APIs,... → TypeScript
    - 언어 고유의 기능
    - 브라우저 관련 기능

- ES6+ Syntax
    - Basic;
        - let, const
        - if, for switch, while
        - function
        - object
    - Advance;
        - Prototype
        - Hoisting
        - Scope
        - Closure
- Browser APIs;
    - DOM Manipulation
    - Events
    - Fetch API (Async)

- CSS
    - Architecture; BEM
    - Preprocessors; Sass, Less, PostCSS
    - CSS Framework

- JavaScript → TypeScript; Types, OOP
    - JavaScript Framework; React, Vue, Angular, Svelte

- SPA
- Static Site Generators(SSG)
    - Gatsby (React)
    - GridSome (Vue)

    - 11ty (JS)
- Server Side Rendering (SSR)
    - Next.js (React)
    - Nuxt.js (Vue)
    - Universal (Angular)
    - Sapper (Svelte)

Tools

- Git; Version Control System, GitHub, Bitbucket, GitLab
- Package Manager; npm, yarn
- Module Bunder; Webpack, Rollup, Parcel

Testing

- Test Pyramid; Jest, Cypress, Enzyme, react-testing-library
- Good Test Principles
- CI/CD

Publish

- Azure, AWS, Github Pages, Netlify, Vercel, Heroku

Tools

- Package Manager; npm, yarn
- Module Bundler; Webpack,
- SCM; github, gitlab

Front-End Frameworks

- Vue.js Vuetify.js Nuxt.js Vue.js
- React React (+ Redux)
- MobX (React + MobX)
- AngularJS (Angular 1)
- Angular (Fromerly known as Angular 2)
- TypeScript TypeScript
- Ember
- Knockout
- Polymer
- Riot

References

- Vue.js와 다른 프레임워크와의 비교

- 프론트엔드 성능 체크리스트

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