

# Front-end Skills

## Prepare

- 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](#) ( Formerly known as [Angular 2](#) )
- [TypeScript](#) [TypeScript](#)
- [Ember](#)
- [Knockout](#)
- [Polymer](#)
- [Riot](#)

## References

- [Vue.js와 다른 프레임워크와의 비교](#)
- [프론트엔드 성능 체크리스트](#)

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