

FE-Interview Standards

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- [JavaScript + Miscellaneous \(Mandatory Section\)](#)
- [Angular \(Mandatory - if it's candidate Primary skill\)](#)
- [React \(Mandatory - if it's candidate Primary skill\)](#)

JavaScript + Miscellaneous (Mandatory Section)

Technical Level	D2	D3	D4
T1	Core JS - Intermediate HTML5 - Intermediate CSS3 (including pre-processors) - Intermediate ES6+- Intermediate Typescript/Babel - Novice Unit testing (basics) - Novice	Core JS (OOJS, functional, reactive) - Advance HTML5 - Intermediate CSS3 (including pre-processors) - Intermediate ES6+- Advance Typescript/Babel - Intermediate Unit testing - Intermediate CI/CD - Intermediate	Compulsory Topics: <ul style="list-style-type: none"> • JS coding problems • Core JS (OOJS, functional, reactive) - Advance • Functional & Reactive Programming - Advanced • Unit testing (mocking, stubs) - Advanced • Module bundler (Webpack) and task runners (Gulp) - Advanced • ES6+ - Advanced • Coding best practices - Intermediate • Typescript- Advance • HTML5 - Advance • Web Services - Intermediate • CSS3 (including pre-processors) - Advance Nice to have Topics <ul style="list-style-type: none"> • Node.js - Intermediate • Web Components - Novice • SQL & NoSQL - Intermediate
T2	Design Patterns (basics) - Novice Unit testing (mocking, stubs) - Novice Module bundler (Webpack) and task runners (Gulp) - Novice CI/CD - Novice Functional & Reactive Programming - Novice Web security (optional) - Novice	Design Patterns - Intermediate Unit testing (mocking, stubs) - Advanced Module bundler (Webpack) and task runners (Gulp) - Advanced CI/CD - Intermediate Functional & Reactive Programming - Advanced ES6+ - Advanced Node.js - Intermediate web security - intermediate code reviews, Best practices - Intermediate SOLID Principles - Intermediate Web Components - Novice PWA - Intermediate/Novice Service/Web Workers - Intermediate/Novice	Compulsory Topics: <ul style="list-style-type: none"> • JS Advanced concepts • Team Lead Qualities • Code Reviews • Depth coding standards, best practices - Advance • Service/Web Workers - Intermediate • Design patterns, Web components - Advance • Web security, OWASP 10 - Intermediate • Unit, end-end and integration testing- Advance • CI/ CD • Principle like SOLID/DRY/KISS etc • Performance • Estimation Strategy • Agile/Scrum Nice to have Topics <ul style="list-style-type: none"> • Node.js - Intermediate / Advance • PWA - Intermediate • Docker • Cloud basics

Angular (Mandatory - if it's candidate Primary skill)

Technical Level	D2	D3	D4
T1	Angular - Intermediate Typescript Basics Component Interaction Component Lifecycle Hooks Directives Pipes & Services Http Difference between promise and observables.	Angular - Advanced Change detection Dynamic components Forms, Reactive Forms Routing Pure and impure pipes NgRx, State management - intermediate NgModule & DI Component nesting and structure RxJS - intermediate	Angular - Advanced Unit testing Internationalization NgRx, State management - advanced RXJS Advanced Server-side rendering Angular cli lazy loading view encapsulation strategies

Technical Level	D2	D3	D4
T2	Redux + NgRX - Intermediate Typescript, Angular framework - Advanced Functional & Reactive Programming - Intermediate Life cycle hooks execution order	Redux + NgRX - Advanced Typescript, Angular / Any one JS framework - Advanced performance optimization Types of directives Auth guards Explain angular bootstrapping AOT vs JIT compilation	Performance optimization Understanding of other frameworks - intermediate to advanced view encapsulation strategies - advanced change Detection strategies Custom change detection strategy advanced Webpack and Tree shaking RXJS advanced (hot and cold observables, different operators such as mergemap, concatmap etc..)

React (Mandatory - if it's candidate Primary skill)

Technical Level	D2	D3	D4
T1	React Basics - Intermediate - Props. State, Components, lifecycle events, Forms, syntethic events, Refs, Keys React Router - Intermediate React HOC - Intermediate React Redux - Novice/Intermediate	React Basics - Advanced - Props. State, Components, lifecycle events, Forms, Syntethic events, Refs, Keys React Router - Advanced React HOC - Advanced React Redux - Advanced	React Basics - Advanced - Props. State, Components, lifecycle events, Forms, Syntethic events, Refs, Keys React Router - Advanced React HOC - Advanced Unit/Integration Testing- Advanced React Hooks - Advanced Ways for State Management - Advanced Code Splitting/ lazy loading - Advanced Error Handling - Advanced
T2	Ways for State Management - Novice Context API - Novice Best Practices - Novice SyntethicEvents - Novice React Hooks - Novice/Intermediate Unit/Integration Testing- Novice	Redux Middlewares (Thunk/Saga) - Intermediate Unit/Integration Testing- Advanced Performance optimization - Intermediate React Hooks - Advanced Ways for State Management - Intermediate Code Splitting/ lazy loading - Intermediate Error Handling - Intermediate	Design Pattern in React + Redux Focus on React Framework Latest features - Advanced Performance optimization - Advanced Functional vs Class components - Advanced Redux Middlewares (Thunk/Saga) - Advanced Server side Rendering - Intermediate

