# # React

## Collection

* Github
  + <https://github.com/enaqx/awesome-react>
* State management
  + Redux Ecosystem  
    <https://redux.js.org/introduction/ecosystem>

## Top Devs

* + Robin Wieruch
  + Dan Abramov  
    <https://github.com/gaearon>

## Latest and Trend

* + React 17 migration issues  
    <https://eng.wealthfront.com/2021/01/14/upgrading-to-react-17-how-to-fix-the-issues-and-breaking-changes/>
  + React common libraries in 2020  
    <https://www.robinwieruch.de/react-libraries>
  + Context API (Compared to Redux concept)  
    <https://blog.isquaredsoftware.com/2021/01/context-redux-differences/>   
    <https://www.smashingmagazine.com/2020/01/introduction-react-context-api/>
  + React hook guide  
    <https://www.telerik.com/kendo-react-ui/react-hooks-guide/>
  + Micro frontend in react  
    <https://www.robinwieruch.de/react-micro-frontend>
  + 5 key lessons with functional component (Worth to read)  
    <https://reedbarger.hashnode.dev/5-key-lessons-react-tutorials-dont-teach>
  + React Native bootstrapping in 2020  
    <https://www.youtube.com/watch?v=mqO9EGvt-kU>

## New concepts

### Hook

* + useState  
    <https://kentcdodds.com/blog/should-i-usestate-or-usereducer> (useState and useReducer)
  + useEffect
    - Careful for race condition  
      <https://maxrozen.com/race-conditions-fetching-data-react-with-useeffect/>
  + useLayoutEffect (sometimes it’s better choice than useEffect)
  + useRef
  + useMemo and useCallback  
    <https://medium.com/better-programming/how-to-write-better-functional-components-in-react-bc974f777145>   
    <https://medium.com/swlh/how-to-use-usecallback-to-write-better-react-code-238074414881>   
    <https://dev.to/harshdand/react-performance-optimization-tips-4238>

### React Portal (createPortal)

### Context API

## Performance

* + React fast refresh
    - react-app-rewired, customize-cra, customize-cra-react-refresh  
      <https://dutzi.party/react-fast-refresh/>
    - react-refresh  
      <https://github.com/facebook/create-react-app/pull/8582>
  + Optimize build time  
    <https://dutzi.party/optimizing-our-build-time/>
  + Tree-shaking (Optimize bundle size)  
    <https://webpack.js.org/guides/tree-shaking/>
  + Tips to improve performance of react apps  
    <https://saul-mirone.github.io/performance-optimization-in-react-context/>   
    <https://alligator.io/react/keep-react-fast/>  
    <https://felixgerschau.com/react-performance-react-memo>
  + Caching with hooks  
    <https://www.toptal.com/react-hooks/stale-while-revalidate>
  + Tools to optimize performance  
    <https://blog.bitsrc.io/5-recommended-tools-for-optimizing-performance-in-reactjs-29eb2a3ec46d>
    - why-did-you-render (Notify avoidable re-renders)  
      <https://github.com/welldone-software/why-did-you-render>
  + Next SEO (Easier SEO in next.js)  
    <https://github.com/garmeeh/next-seo>
  + Parallel computing with web workers, etc  
    <https://www.youtube.com/watch?v=DOlLO9-nV1A>

### Profiling

* + Reactime (chrome dev tool for time travel debugging and performance monitoring)  
    <https://github.com/open-source-labs/reactime>
  + Performance monitoring on production  
    <https://kentcdodds.com/blog/react-production-performance-monitoring>
  + Profiling React applications  
    <https://blog.asayer.io/the-definitive-guide-to-profiling-react-applications>

## Visualization & Component

* + Flow Diagram  
    <https://github.com/wbkd/react-flow>   
    <https://github.com/projectstorm/react-diagrams>
  + Three.js  
    <https://github.com/pmndrs/react-three-fiber>
  + Cube.js with D3  
    <https://d3-dashboard.cube.dev/>
  + Motion Layout with shared components  
    <https://github.com/jeffersonlicet/react-motion-layout>
  + Various touch gesture  
    <https://github.com/react-spring/react-use-gesture>
  + GLTF to JSX component  
    <https://github.com/react-spring/gltfjsx>
  + Drag and Drop  
    <https://github.com/atlassian/react-beautiful-dnd>  
    <https://github.com/react-dnd/react-dnd>   
    <https://github.com/clauderic/dnd-kit>   
    <https://github.com/SortableJS/react-sortablejs>
  + React Fun Emoji  
    <https://react-kawaii.now.sh/>
  + Spring physics animation  
    This can be used to show and hide elements  
    <https://github.com/react-spring/react-spring>  
    <https://react-spring-visualizer.com/#opacity>
  + SVG zoom and pan effects  
    <https://github.com/chrvadala/react-svg-pan-zoom>
  + Particle like image  
    <https://github.com/malerba118/react-particle-image>
  + React move portal  
    <https://github.com/httptoolkit/react-reverse-portal>
  + Curved Arrow  
    <https://github.com/nickjanssen/react-curved-arrow>
  + React tiling window manager  
    <https://github.com/nomcopter/react-mosaic>
  + Rainbow gradient  
    <https://www.joshwcomeau.com/posts/rainbow-button/>
  + Kanban  
    <https://github.com/lourenci/react-kanban>
  + Text placeholder  
    <https://github.com/buildo/react-placeholder>  
    <https://github.com/ganapativs/react-spectrum>
  + Icons  
    <https://github.com/jacobwgillespie/styled-icons>
  + Presentation  
    <https://github.com/FormidableLabs/spectacle>
  + Animation to follow mouse  
    <https://variable.app/p/0088wbsgZacahMVEORaY>
  + Component
    - Zag (Finite state machines for building accessible design systems and UI components)  
      <https://github.com/chakra-ui/zag>
    - Helmet (Change HTML head)  
      <https://github.com/nfl/react-helmet>
    - Leva (React GUI)  
      <https://github.com/pmndrs/leva>
    - Avatar  
      <https://github.com/kirill3333/react-avatar>   
      <https://github.com/nusu/avvvatars>
    - Audio Player  
      <https://github.com/lhz516/react-h5-audio-player>   
      <https://github.com/slash9494/react-modern-audio-player>
    - YouTube player  
      <https://github.com/tjallingt/react-youtube>
    - Hamburger Icon  
      <https://github.com/luukdv/hamburger-react>
    - Kanban  
      <https://github.com/rcdexta/react-trello> (React-Trello)
    - Dropdown, selectbox, tagging  
      <https://github.com/JedWatson/react-select>   
      <https://github.com/based-ghost/react-functional-select>   
      <https://github.com/tbleckert/react-select-search>   
      <https://github.com/sanusart/react-dropdown-select>   
      <https://github.com/downshift-js/downshift>  
      <https://github.com/maslianok/react-select-me>   
      <https://github.com/yairEO/tagify>   
      <https://github.com/react-tags/react-tags>
    - React stripe element  
      <https://github.com/stripe/react-stripe-elements>  
      <https://github.com/stripe/react-stripe-js>
    - Datepicker  
      <https://github.com/airbnb/react-dates>  
      <https://github.com/hernansartorio/react-nice-dates>  
      <https://github.com/almogtavor/date-range-picker>   
      <https://github.com/Hacker0x01/react-datepicker>  
      <https://github.com/wojtekmaj/react-calendar>  
      <https://github.com/wojtekmaj/react-daterange-picker>   
      <https://github.com/JSLancerTeam/react-google-flight-datepicker>  
      <https://github.com/jquense/react-big-calendar>   
      <https://github.com/gpbl/react-day-picker>
    - Treeview  
      <https://github.com/dowjones/react-dropdown-tree-select>   
      <https://github.com/diogofcunha/react-virtualized-tree>  
      <https://github.com/brimdata/react-arborist> (sortable, virtual, customizable tree)  
      <https://github.com/lukasbach/react-complex-tree> (Multi select, Drag & Drop)
    - PDF Viewer/Highlighter  
      <https://github.com/agentcooper/react-pdf-highlighter>   
      <https://github.com/diegomura/react-pdf>  
      <https://github.com/ZEISS/react-view-pdf>  
      <https://github.com/phuoc-ng/react-pdf-viewer>
    - Annotator  
      <https://github.com/localjo/react-tater>
    - Link  
      <https://github.com/winhtaikaung/react-tiny-link> (Link with image)
    - Loader  
      <https://github.com/mhnpd/react-loader-spinner> (Spinner loader)  
      <https://github.com/pgilad/react-page-visibility> (Loader on periodic refresh)   
      <https://github.com/furkanmavili/react-rounder> (Rounding components collection)  
      <https://klendi.github.io/react-top-loading-bar/> (Top loader bar)   
      <https://github.com/danilowoz/react-content-loader> (Content loader)  
      <https://bit.dev/joshk/react-spinners-css>   
      <https://github.com/GriffinJohnston/uiball-loaders> (UIBall loaders)
    - Uploading  
      <https://github.com/rpldy/react-uploady> (Modern file uploading)  
      <https://github.com/cheersmas/react-upload-box>
    - React Null renderer  
      <https://github.com/pmndrs/react-nil>
    - Timeline  
      <https://github.com/stephane-monnot/react-vertical-timeline>   
      <https://github.com/prabhuignoto/react-chrono>
    - Collapse component  
      <https://github.com/nkbt/react-collapse>  
      <https://github.com/react-component/collapse>
    - Awesome shapes  
      <https://github.com/ashutosh1919/react-awesome-shapes>

### Layout

* + React Grid Layout (Draggable and responsive grid layout)  
    <https://github.com/react-grid-layout/react-grid-layout>
  + Tabs (Not good compared to reactstrap tabs)  
    <https://github.com/reactjs/react-tabs>
  + Drawer  
    <https://github.com/react-component/drawer>
  + Masonry layout  
    <https://github.com/Significa/react-snuggle>
  + Frame (Render component in iFrame to avoid style conflict)  
    <https://github.com/ryanseddon/react-frame-component>
  + Splitter (Split views)  
    <https://github.com/DevbookHQ/splitter>
  + Drag and drop page editor  
    <https://github.com/prevwong/craft.js>
  + Pagination  
    <https://github.com/AdeleD/react-paginate>
  + Plasmic (Build pages and frontends fast and plug into react codebase)  
    <https://github.com/plasmicapp/plasmic>

### Data Visualization

* + Reaviz (D3 based data visualization)  
    <https://github.com/reaviz/reaviz>
  + React-d3-tree  
    <https://bkrem.github.io/react-d3-tree/>
  + Chart.js
  + Rechart
  + Echarts  
    <https://github.com/hustcc/echarts-for-react>
  + react-vis  
    <https://github.com/uber/react-vis>
  + react financial chart (Candle chart)  
    <https://github.com/reactivemarkets/react-financial-charts>
  + visx (Airbnb visualization components)  
    <https://github.com/airbnb/visx>
  + victory  
    <https://github.com/FormidableLabs/victory>
  + nivo (Visualization with D3)  
    <https://github.com/plouc/nivo>
  + g2plot  
    <https://github.com/open-data-plan/g2plot-react>
  + grid heatmap  
    <https://github.com/arunghosh/react-grid-heatmap>
  + speedometer (gauge)  
    <https://github.com/palerdot/react-d3-speedometer>

### CSS Styling/Class

* + Styled Components  
    <https://github.com/styled-components/styled-components>
  + Emotion (CSS in JS)  
    <https://github.com/emotion-js/emotion>
  + Goober (CSS in JS, tiny compared to similar packages)  
    <https://github.com/cristianbote/goober>
  + XStyled (CSS in JS)  
    <https://github.com/gregberge/xstyled>
  + Styled-JSX (Full CSS support for JSX)  
    <https://github.com/vercel/styled-jsx>
  + Classnames  
    <https://github.com/madewithlove/classnames-components>

### Animation

* + Tour component  
    <https://github.com/gilbarbara/react-joyride>   
    <https://github.com/elrumordelaluz/reactour>
  + Typewriter effect  
    <https://github.com/sgwilym/windups>
  + Reveal Animation  
    <https://github.com/morellodev/react-awesome-reveal>
  + react-text-transition  
    <https://github.com/WinterCore/react-text-transition>
  + Animated numbers  
    <https://github.com/heyman333/react-animated-numbers>
  + Motion (animation and gesture library)  
    <https://github.com/framer/motion>
  + Remotion (Create video programmatically)  
    <https://github.com/JonnyBurger/remotion>
  + React-gasp  
    <https://github.com/bitworking/react-gsap>
  + Parallax tilt  
    <https://github.com/mkosir/react-parallax-tilt>
  + Card flip  
    <https://github.com/AaronCCWong/react-card-flip>
  + React Move (Data driven animations)  
    <https://github.com/sghall/react-move>
  + Caroumesh (3D models in carousel-like fashion)  
    <https://github.com/Adonis-Stavridis/caroumesh>
  + Gooey effect (loader)  
    <https://github.com/luukdv/gooey-react>
  + use-cannon (physics based hooks)  
    <https://github.com/pmndrs/use-cannon>
  + Countup  
    <https://github.com/glennreyes/react-countup>

### Tooltip & Modal & Popup notification

* + Tooltip
    - Tippy  
      <https://github.com/atomiks/tippyjs-react> (Tippy.js)
    - react-laag (Hooks for tooltips, dropdown menu and popover)  
      <https://github.com/everweij/react-laag>
    - React Menu  
      <https://szhsin.github.io/react-menu/>
  + Modal
    - React-a11y-dialog  
      <https://github.com/KittyGiraudel/react-a11y-dialog>
    - Nice modal  
      <https://github.com/eBay/nice-modal-react>
    - Responsive modal  
      <https://github.com/pradel/react-responsive-modal>
  + Notification
    - React hot toast  
      <https://github.com/timolins/react-hot-toast>
    - Reapop(Simple and customizable notification system, in hook)  
      <https://github.com/LouisBarranqueiro/reapop>
    - React toastify  
      <https://github.com/fkhadra/react-toastify>
  + Portal
    - React-cool-portal  
      <https://github.com/wellyshen/react-cool-portal>

### Map

* + <https://github.com/uber/react-map-gl> (Mapbox GL)
  + <https://github.com/VictorCazanave/react-svg-map> (SVG Map)
  + <https://github.com/PaulLeCam/react-leaflet> (Leaflet maps)  
    <https://github.com/Leaflet/Leaflet> (Mobile friendly interactive maps)

### Auto completion

* + <https://github.com/moroshko/react-autosuggest>
  + <https://github.com/wellyshen/use-places-autocomplete> (Location, google map)

## Libraries

* + Relevant packages
    - React renderer on Notion CRM  
      <https://github.com/splitbee/react-notion>
    - Codelift (No code GUI)  
      <https://github.com/ericclemmons/codelift>
    - Serve(Serve built version of create react app on localhost)  
      <https://github.com/vercel/serve>
    - Preact (Fast 3kB React alternative with the same modern API)  
      <https://github.com/preactjs/preact>
  + SSR
    - SSR Prepass  
      <https://github.com/FormidableLabs/react-ssr-prepass>
    - Next.js (React framework with awesome features such as SSR)  
      <https://nextjs.org/>
    - After.js (SSR React framework with React router as routing)  
      <https://github.com/jaredpalmer/after.js>
  + Routing
    - Small React router  
      <https://github.com/tj/react-enroute>
    - React router page transition  
      <https://github.com/pedrobern/react-tiger-transition>
  + Useful hooks (Local Storage, Offline, Undo/redo)
    - Reusable hooks (useDidmount, …)  
      <https://github.com/beizhedenglong/react-hooks-lib>
    - Scroll to bottom  
      <https://github.com/tudorgergely/use-scroll-to-bottom>
    - <https://github.com/donavon/use-persisted-state>
    - <https://github.com/astoilkov/use-local-storage-state>
    - <https://github.com/kripod/react-hooks>
    - Inview hook (React hook to monitor element entering and leaving)  
      <https://github.com/wellyshen/react-cool-inview>
    - Use worker (background tasks)  
      <https://github.com/alewin/useWorker>
    - Editable hook  
      <https://github.com/kitten/use-editable>
    - Firebase hooks (Hooks, Context Providers, components to interact with Firebase)  
      <https://github.com/FirebaseExtended/reactfire>   
      <https://github.com/CSFrequency/react-firebase-hooks>
    - Use-nft (Hook to fetch metadata from any NFT)  
      <https://github.com/spectrexyz/use-nft>
    - Hook for screenshot of component  
      <https://github.com/vre2h/use-react-screenshot>
    - Use sound hook  
      <https://github.com/joshwcomeau/use-sound>
    - Usehook (react hooks)  
      <https://github.com/juliencrn/usehooks.ts>
    - Use websocket (Hook for websocket communication)  
      <https://github.com/robtaussig/react-use-websocket>
  + State management
    - Recollect  
      <https://github.com/davidgilbertson/react-recollect>
    - Recoil  
      <https://github.com/facebookexperimental/Recoil>
    - Rematch (Redux framework with less code)  
      <https://github.com/rematch/rematch>
    - Redux-toolkit  
      <https://github.com/reduxjs/redux-toolkit>
    - Jotai  
      <https://github.com/pmndrs/jotai>
    - Immer
    - Immutable
    - Pullstate  
      <https://github.com/lostpebble/pullstate>
    - Mobx  
      <https://github.com/mobxjs/mobx>
    - <https://github.com/ice-lab/icestore>
    - Nanostore (Tiny state manager for React/RN/Vue,etc)  
      <https://github.com/nanostores/nanostores>
    - Redux with Firebase  
      <https://github.com/prescottprue/react-redux-firebase>
    - React context, state  
      <https://github.com/diegohaz/constate>
    - Little State Machine  
      <https://github.com/bluebill1049/little-state-machine>
    - Teaful  
      <https://github.com/teafuljs/teaful>
    - Elf (Reactive state store)  
      <https://github.com/ngneat/elf>
  + Testing Libraries
    - Zero config GUI for JEST  
      <https://github.com/Raathigesh/majestic>
    - Enzyme (Javascript testing utility for React, being deprecated compared to Jest and React testing library)  
      <https://github.com/enzymejs/enzyme>
    - Spearmint (Create react tests using GUI)  
      <https://github.com/open-source-labs/spearmint>
    - RTL (React DOM testing utility)  
      <https://github.com/testing-library/react-testing-library>
    - React test renderer  
      <https://reactjs.org/docs/test-renderer.html>
    - Jest  
      <https://github.com/facebook/jest>
  + Structure
    - Split components  
      <https://github.com/jamiebuilds/react-loadable> (Good for SSR)  
      React.Lazy with Suspense
  + GraphQL client without query  
    <https://github.com/samdenty/gqless>
  + Blitz(Serverless(Full stack) React framework built on Next.js)  
    <https://github.com/blitz-js/blitz>
  + Mobx
    - Mobx react lite  
      <https://github.com/mobxjs/mobx-react-lite>
  + Routing  
    <https://github.com/type-route/type-route> (type safe routing)
  + I18N  
    <https://github.com/formatjs/formatjs>   
    <https://github.com/formatjs/react-intl>  
    https://github.com/i18next/react-i18next  
    <https://www.robinwieruch.de/react-internationalization>  
    <https://github.com/vinissimus/next-translate> (i18n for next)
  + Form
    - (recommended)  
      <https://github.com/react-hook-form/react-hook-form>  
      <https://github.com/react-hook-form/error-message>
    - <https://github.com/jaredpalmer/formik>
    - <https://github.com/final-form/react-final-form>
    - <https://github.com/andyrichardson/fielder>
    - (Not recommended for new project)  
      <https://github.com/redux-form/redux-form>
    - Jsonschema form (Web form with validation based on json schema)  
      <https://github.com/rjsf-team/react-jsonschema-form>
    - Build form from any schema  
      <https://github.com/vazco/uniforms>
    - React cool form  
      <https://github.com/wellyshen/react-cool-form>
    - Mobx form state management  
      <https://github.com/foxhound87/mobx-react-form>
    - Currency input  
      <https://github.com/cchanxzy/react-currency-input-field>
    - yup (Form validation)  
      <https://github.com/jquense/yup>
  + SVG, React  
    <https://github.com/twilio-labs/svg-to-react> (Passing props)  
    <https://github.com/tanem/react-svg>
  + Color picker  
    <https://github.com/omgovich/react-colorful>   
    <https://github.com/casesandberg/react-color>   
    <https://github.com/mapbox/react-colorpickr/>
  + Teleporting components (Similar to Helmet)  
    <https://github.com/gregberge/react-teleporter>
  + React slider  
    <https://github.com/farbenmeer/react-spring-slider>  
    <https://github.com/akiran/react-slick> (Slick Carousel)  
    <https://github.com/brainhubeu/react-carousel>   
    <https://github.com/davidcetinkaya/embla-carousel>   
    <https://github.com/maxmarinich/react-alice-carousel>   
    <https://github.com/jossmac/react-images> (Mobile friendly carousel)  
    <https://github.com/kimcoder/react-simple-image-slider> (Simple image slider)  
    <https://github.com/luispuig/react-snaplist-carousel>  
    <https://github.com/naver/egjs-flicking>   
    <https://github.com/hipstersmoothie/react-glider> (React wrapper for glider.js)  
    <https://github.com/mxmzb/react-marquee-slider> (Marquee slider)
  + Image, Cropping  
    <https://github.com/DominicTobias/react-image-crop>  
    <https://github.com/ValentinH/react-easy-crop>   
    <https://github.com/xiaolin/react-image-gallery> (Carousel)  
    <https://github.com/rpearce/react-medium-image-zoom> (Image zooming)
  + Focus indicator  
    <https://github.com/discord/focus-rings>
  + React disable  
    <https://github.com/kitze/react-disable>
  + Mobile app dev  
    <https://github.com/flutter/flutter>  
    <https://github.com/facebook/react-native>  
    <https://levelup.gitconnected.com/how-to-gracefully-use-environment-variables-in-a-react-native-app-7f1600446116> (react-native-dot-env)
  + cross platform desktop app development  
    <https://github.com/kusti8/proton-native>  
    <https://ionicframework.com/docs/react> (Ionic)  
    <https://github.com/nodegui/react-nodegui> (Desktop app with React and Qt5)
  + Swipe List React Native  
    <https://github.com/jemise111/react-native-swipe-list-view>
  + React hook, Fetch API  
    <https://github.com/ilyalesik/react-fetch-hook>
  + Table, Grid, List  
    Ag-grid  
    <https://github.com/bvaughn/react-virtualized>  
    <https://github.com/wellyshen/react-cool-virtual>   
    <https://github.com/jamiebuilds/react-gridlist>  
    <https://github.com/tannerlinsley/react-table> (Pivoting, aggregation, wide plugin ecosystem)  
    <https://github.com/adazzle/react-data-grid>  
    <https://github.com/inovua/reactdatagrid>   
    <https://github.com/komarovalexander/ka-table>   
    <https://github.com/mbrn/material-table> (Material Table)  
    <https://github.com/react-component/table>  
    <https://github.com/jbetancur/react-data-table-component>  
    <https://github.com/petyosi/react-virtuoso> (Virtual list)  
    <https://github.com/bvaughn/react-window> (Render part of list showed in browser window)  
    <https://github.com/Hellenic/react-hexgrid> (Interactive Hexagon Grid)  
    <https://github.com/table-library/react-table-library>
  + Range Input  
    <https://github.com/tajo/react-range>
  + On click outside  
    <https://github.com/wellyshen/react-cool-onclickoutside>  
    <https://github.com/airbnb/react-outside-click-handler>
  + Web cam  
    <https://github.com/mozmorris/react-webcam>
  + Mobile UI  
    <https://github.com/react-navigation/react-navigation>  
    <https://github.com/mmazzarolo/react-native-modal-datetime-picker>  
    <https://github.com/llotheo/react-native-big-calendar>
  + Query builder (filter builder)  
    <https://github.com/ukrbublik/react-awesome-query-builder>
  + iFrame  
    <https://blog.bitsrc.io/npm-libraries-for-iframes-in-react-b6eeb7c16b0f>   
    <https://www.npmjs.com/package/iframe-resizer-react>  
    <https://www.npmjs.com/package/react-frame-component>   
    <https://www.npmjs.com/package/@fluentui/react-window-provider>   
    <https://www.npmjs.com/package/console-feed>
  + URL Query  
    <https://github.com/sindresorhus/query-string>  
    <https://github.com/pbeshai/use-query-params>
  + Draggable email editor  
    <https://github.com/unlayer/react-email-editor>
  + Helpers
    - Clipboard copy  
      <https://github.com/wsmd/use-clipboard-copy>   
      <https://github.com/danoc/react-use-clipboard>
    - Keyboard shortcut  
      <https://github.com/reasonink/clack>
    - Firestore  
      <https://github.com/mobily/firestore-fp>
    - React Idle Timer (User activity timer component)  
      <https://github.com/SupremeTechnopriest/react-idle-timer>
    - Timeago (Show timeago statement component)  
      <https://github.com/hustcc/timeago-react>
  + Social Media
    - Login button  
      <https://github.com/MichalSzorad/react-social-login-buttons>
    - share button and count   
      <https://github.com/nygardk/react-share>
  + Documentation
    - Styleguidist (Isolated React component development environment with a living style guide)  
      <https://react-styleguidist.js.org/>
    - Docz  
      <https://www.docz.site/>
    - Docusaurus  
      <https://docusaurus.io/>
    - Diataxis (Systematic framework for technical documentation authoring)  
      <https://diataxis.fr/>
  + Flow/Stepper
    - React wizard  
      <https://github.com/devrnt/react-use-wizard/>
    - React stepzilla (Multi-step/wizard component)  
      <https://github.com/newbreedofgeek/react-stepzilla>
    - Numeric stepper  
      <https://github.com/anatoliygatt/numeric-stepper>
  + Scala.js with React  
    <https://github.com/japgolly/scalajs-react>
  + Relay (JavaScript framework for fetching and managing GraphQL data in React applications)  
    <https://github.com/facebook/relay>

### Tools

* + Devtools
    - Query dev tools  
      <https://github.com/tannerlinsley/react-query-devtools> (Check cache and query realtime)
    - Review UI with storybook (test, history, etc)  
      <https://www.chromatic.com/>
    - Storybook  
      <https://github.com/storybookjs/storybook>
    - Dev inspector (Jump browser node to code)  
      <https://github.com/zthxxx/react-dev-inspector>
    - React Cosmos (Sandbox for developing and testing UI components in isolation)  
      <https://github.com/react-cosmos/react-cosmos>
    - React Preview  
      <https://reactpreview.com/>
    - Impulse (Code edit in browser)  
      <https://github.com/impulse-oss/impulse>
  + Extension/Plugins
    - Sapling (VS Code extension for traverse your React app)  
      <https://github.com/oslabs-beta/sapling>   
      <https://medium.com/@saplingextension/introducing-sapling-a-vs-code-extension-for-traversing-your-react-component-hierarchy-3ac94d95887e>

### Design/Layout

* + Responsive
    - React responsive (Media queries in react)  
      <https://github.com/contra/react-responsive>
    - Fresnel (SSR compatible approach to CSS media query)  
      <https://github.com/artsy/fresnel>
  + Layout
    - ReacType (Prototyping React component architecture in Typescript using DND)  
      <https://github.com/open-source-labs/ReacType>
    - React headroom(Hide page header depending on need)  
      <https://github.com/KyleAMathews/react-headroom>
  + Story2Sketch (Storybook to sketch symbols)  
    <https://github.com/chrisvxd/story2sketch>
  + React-Figma  
    <https://github.com/react-figma/react-figma>
  + Figma to react  
    <https://figma-to-react.vercel.app/>

### Editor

* + Fusuma (Slides in markdown)  
    <https://github.com/hiroppy/fusuma>
  + React Live (Flexible playground for live editing react components)  
    <https://github.com/FormidableLabs/react-live>
  + React code view (Code editor with markdown)  
    <https://github.com/simonguo/react-code-view>
  + Markdown Editor  
    <https://github.com/uiwjs/react-md-editor>
  + React markdown  
    <https://github.com/remarkjs/react-markdown>
  + MDX  
    <https://github.com/mdx-js/mdx> (JSX in markdown)
  + Remirror  
    <https://github.com/remirror/remirror> (Social Text, Wysiwyg Editor)
  + Editor.js  
    <https://github.com/codex-team/editor.js>   
    <https://github.com/Jungwoo-An/react-editor-js>
  + Monaco editor  
    <https://github.com/microsoft/monaco-editor> (Browser Code Editor)  
    <https://github.com/suren-atoyan/monaco-react>
  + React Ace  
    <https://github.com/securingsincity/react-ace> (React Ace component)
  + Draft.js  
    <https://github.com/facebook/draft-js>   
    <https://github.com/draft-js-plugins/draft-js-plugins>
  + TinyMCE
  + Slate  
    <https://github.com/ianstormtaylor/slate>
  + React-CodeMirror  
    <https://github.com/uiwjs/react-codemirror>
  + React transcript editor (Correcting automated transcriptions of audio and video easier and faster)  
    <https://github.com/bbc/react-transcript-editor>
  + Liqvid (Interactive video)  
    <https://github.com/liqvidjs/player>
  + Lexical Editor (text-editor framework)  
    <https://github.com/facebook/lexical>
  + Edtr  
    <https://github.com/edtr-io/edtr-io>

### Boilerplate

* + React projects  
    <https://blog.bitsrc.io/6-best-ways-to-create-a-new-react-application-57b17e5d331a>
    - CRA  
      <https://github.com/facebook/create-react-app>  
      <https://github.com/reduxjs/cra-template-redux-typescript/>  
      <https://github.com/reduxjs/cra-template-redux>
    - React Boilerplate  
      <https://github.com/react-boilerplate/react-boilerplate/>
    - Bulletproof-react (React production ready architecture)  
      <https://github.com/alan2207/bulletproof-react>
    - Landing page (Great performance in lighthouse)  
      <https://github.com/Adrinlol/landy-react-template>
    - Bedrock (Next.js, GraphQL and so on, commercial)  
      <https://bedrock.mxstbr.com/>
    - Electron  
      <https://github.com/electron-react-boilerplate/electron-react-boilerplate>
    - Next.js  
      <https://github.com/jpedroschmitz/typescript-nextjs-starter>
  + Static site generator
    - nextein (React + markdown)  
      <https://github.com/elmasse/nextein>
    - Gatsby with TS  
      <https://github.com/jpedroschmitz/gatsby-starter-ts>

### Data Fetching

* + SWR (React hooks library for remote data fetching)  
    <https://github.com/vercel/swr>
  + React Query(Hooks for fetching, caching and updating asynchronous data; useful to request same from multiple components; also useful when there is huge computation in frontend)  
    <https://github.com/tannerlinsley/react-query>  
    <https://github.com/dano-inc/react-query-helper>
  + RTK query from Redux Toolkit
  + Axios related  
    <https://github.com/simoneb/axios-hooks>
  + React cancellable (Make cancellable requests; require over react17)  
    <https://github.com/vladagurets/react-cancelable>

### Authentication

* + useAuth (Simple authentication with Auth0: routing, roles, etc.)  
    <https://github.com/Swizec/useAuth>
  + use-easy-auth (Hooks for handling authentication)  
    <https://github.com/inmagik/use-eazy-auth>   
    <https://inmagik.it/blog/use-eazy-auth>

## Code Convention

* + Ducks modular react  
    <https://github.com/erikras/ducks-modular-redux>
  + Structure and naming  
    <https://hackernoon.com/structuring-projects-and-naming-components-in-react-1261b6e18d76>
  + Good tips including how to use multiple states in hook, wrap external components  
    <https://alexkondov.com/tao-of-react/>
  + (Compare between container/component approach and component/screen approach)  
    <https://blog.bitsrc.io/how-to-write-better-code-in-react-best-practices-b8ca87d462b0>

## Projects and Products

* + Admin interface builder  
    <https://github.com/api-platform/admin>
  + Phelia (Slack application framework in React)  
    <https://github.com/maxchehab/phelia>
  + Cross platform app for conference  
    <https://github.com/dabit3/conference-app-in-a-box>
  + Go, React, Mongodb project template  
    <https://github.com/Shpota/goxygen>
  + JIRA clone (React, Node, Prettier, Cypress test)  
    <https://github.com/oldboyxx/jira_clone>
  + Graphile template(React, Node, GraphQL, PSQL)  
    <https://github.com/graphile/starter>
  + Product: React Chat (Chat API and Feed API)  
    <https://getstream.io/chat/react-chat/tutorial/>
  + Slack client like WhatsApp in react native, electron  
    <https://github.com/arnnis/Sup>
  + OpenReplay (Open source session replay)  
    <https://github.com/openreplay/openreplay>
  + React, Node.js ecommerce  
    <https://github.com/binx/beluga>
  + Hydrogen (Shopify-powered custom storefronts in react)  
    <https://github.com/Shopify/hydrogen>
  + Refine (Build React-based CRUD applications)  
    <https://github.com/refinedev/refine>
  + Fun projects
    - Snake game on cube  
      <https://github.com/qdozaq/snake-cubed>
    - React crossword component  
      <https://github.com/JaredReisinger/react-crossword>
    - React Minesweeper  
      <https://codesandbox.io/s/reactsweeper-pfcsd>
    - Calories-in (Meal plan editor in react)  
      <https://github.com/vangelov/calories-in>

## Posts

* + Routing
    - React router v5 vs v6  
      <https://alligator.io/react/react-router-v6/>
    - React router hooks  
      <https://css-tricks.com/the-hooks-of-react-router/>
    - React router authentication  
      <https://www.robinwieruch.de/react-router-authentication/>   
      <https://www.robinwieruch.de/react-router-private-routes/>
    - Careful to use redirect on client side  
      <https://kentcdodds.com/blog/stop-using-client-side-route-redirects>
    - Animating route transition with React Router  
      <https://dutzi.party/animating-route-transitions-using-react-router/>
  + State management
    - Redux-toolkit with CRA  
      <https://www.youtube.com/watch?v=xbgwyhHmCyU>
    - Firebase instead of redux in react  
      <https://pragli.com/blog/firebase-as-a-react-hook/>
    - Recollect  
      <https://medium.com/swlh/converting-a-redux-app-to-recollect-how-and-why-345a35088ea9>
    - Persist react state in local storage  
      <https://joshwcomeau.com/react/persisting-react-state-in-localstorage/>
    - Restore reducer state across browser sessions  
      <https://www.executeprogram.com/blog/restoring-react-reducer-state-across-browser-sessions>
  + React structure
    - React concurrent mode (experimental)  
      <https://blog.logrocket.com/react-concurrent-mode/>
    - Tips on Server Side Rendering with React  
      <https://joshwcomeau.com/react/the-perils-of-rehydration/>
    - Code splitting in chunks  
      React loadable is good for SSR while React.Lazy is ok in client side rendering  
      <https://hackernoon.com/effective-code-splitting-in-react-a-practical-guide-2195359d5d49>
    - Common folder structure with hook, context  
      <https://www.robinwieruch.de/react-folder-structure>
    - Component structuring  
      <https://queen.raae.codes/emails/2022-10-10-semantic-react/>
  + Hook
    - Sound hook  
      <https://joshwcomeau.com/react/announcing-use-sound-react-hook/>
    - Useful custom hooks in React  
      <https://blog.bitsrc.io/11-useful-custom-react-hooks-for-your-next-app-c66307cf0f0c>
    - 5 practical tips  
      <https://techblog.commercetools.com/five-practical-tips-when-using-react-hooks-in-production-990a79745229>
    - useRef  
      <https://www.robinwieruch.de/react-ref>
    - Custom react hook  
      <https://medium.com/swlh/create-a-react-custom-hooks-for-your-web-components-f4319bb4bc35>
    - Redux with hook  
      <https://medium.com/javascript-in-plain-english/how-i-reduced-the-amount-of-code-in-my-redux-app-by-using-redux-hooks-b19c926419ea>
    - Before using memo  
      <https://overreacted.io/before-you-memo/>
    - Getting Closure on React hook  
      <https://www.youtube.com/watch?v=KJP1E-Y-xyo>
  + Form
    - Form validation  
      <https://felixgerschau.com/react-hooks-form-validation-typescript/>
    - Custom Form  
      <https://www.telerik.com/blogs/how-to-build-custom-forms-react-hooks>
    - React form  
      <https://www.robinwieruch.de/react-form/>
  + Typescript
    - Typescript cheat sheet  
      <https://blog.bitsrc.io/react-typescript-cheetsheet-2b6fa2cecfe2>  
      <https://javascript.plainenglish.io/tips-for-typing-react-components-with-typescript-4cbc42f45c11>
    - Typescript, Next.js, React, Auth0  
      <https://auth0.com/blog/modern-full-stack-development-with-nestjs-react-typescript-and-mongodb-part-1/>
    - Migrate to Typescript  
      <https://blog.bitsrc.io/react-js-to-typescript-how-to-migrate-gradually-d82026126d29>
    - Basic typescript for react  
      <https://ente.io/blog/tech/typescript-for-react/>
  + Gatsby
    - Dark mode in Gatsby  
      <https://joshwcomeau.com/gatsby/dark-mode/>
    - Gatsby with Leaflet  
      <https://www.freecodecamp.org/news/how-to-create-a-summer-road-trip-mapping-app-with-gatsby-and-leaflet/>
  + Map
    - Building map with JAMStack  
      <https://www.youtube.com/watch?v=o1quJzNm24M>
    - Map with Leaflet  
      <https://egghead.io/playlists/mapping-with-react-leaflet-e0e0>
  + Table/List
    - React-table  
      <https://blog.logrocket.com/building-styling-tables-react-table-v7/>
  + I18N  
    <https://buttercms.com/blog/react-intl-an-api-and-component-analysis>
  + DIY
    - Develop React by yourself  
      <https://pomb.us/build-your-own-react/>
    - ReactJS with Firebase  
      <https://www.freecodecamp.org/news/how-to-build-a-todo-application-using-reactjs-and-firebase/>
    - Develop Gauge pretty component  
      <https://wattenberger.com/blog/gauge>
  + Testing
    - Common mistakes to avoid  
      <https://kentcdodds.com/blog/common-mistakes-with-react-testing-library>
    - How to write test  
      <https://joaoforja.com/blog/how-to-get-started-testing-react-applications/>
    - Test custom hook  
      <https://kentcdodds.com/blog/how-to-test-custom-react-hooks>
    - Stop using mock in fetch  
      <https://kentcdodds.com/blog/stop-mocking-fetch>
  + Security
    - 10 React security best practices   
      <https://snyk.io/blog/10-react-security-best-practices/>
  + Service Worker
    - <https://blog.bitsrc.io/using-service-workers-with-react-27a4c5e2d1a9>
  + Component
    - Storybook  
      <https://medium.com/storybookjs/storybook-5-3-83e114e8797c>  
      <https://medium.com/storybookjs/state-of-storybook-2019-b6a91ac79b74>
    - Outside click  
      <https://www.smashingmagazine.com/2021/03/outside-focus-click-handler-react-component/>
    - Single File Component standard  
      <https://www.swyx.io/writing/react-sfcs-here/>
  + Typescript, React, Redux  
    <https://typeofnan.dev/setup-a-typescript-react-redux-project/>
  + Typescript Jekyll -> Gatsby  
    <https://www.gatsbyjs.org/blog/2020-01-23-why-typescript-chose-gatsby/>
  + Demo app from scratch  
    <https://www.youtube.com/watch?v=tRjlY-NobZY>
  + GraphQL, Apollo, React  
    <https://www.robinwieruch.de/react-graphql-apollo-tutorial/>  
    <https://codesource.io/build-a-crud-application-with-react-and-apollo-graphql/>
  + Memoization and effects  
    <https://gist.github.com/slikts/fd3768de1493419ed9506002b452fcdc>
  + React, Kubernetes, Deployment  
    <https://www.learncloudnative.com/blog/2020-01-06-build_your_own_netlify_like_deployment_for_react_apps_with_kubernetes/>
  + React, State management  
    <https://medium.com/@veeralpatel/things-ive-learned-about-state-management-for-react-apps-174b8bde87fb>
  + Create custom devtools for React  
    <https://kentcdodds.com/blog/make-your-own-dev-tools>
  + Remove isLoading using finite states  
    <https://kentcdodds.com/blog/stop-using-isloading-booleans>
  + Accordion in React  
    <https://smellycode.com/accordion-in-reactjs/>
  + Infinite scrolling and lazy image loading  
    <https://www.smashingmagazine.com/2020/03/infinite-scroll-lazy-image-loading-react/>
  + Chat implementation with Firebase  
    <https://css-tricks.com/building-a-real-time-chat-app-with-react-and-firebase/>
  + Simple DND with html API  
    <https://www.smashingmagazine.com/2020/02/html-drag-drop-api-react/>
  + D3 Visualization  
    <https://wattenberger.com/blog/react-and-d3>

### Next.js

* + Next.js crash course (Not that crash ☺)  
    <https://javascript.plainenglish.io/nextjs-crash-course-2021-2cb8ac889e36>

### Mistakes

* + Common mistakes with hook  
    <https://www.lorenzweiss.de/common_mistakes_react_hooks/>

### Comparison

* + Ugly point of hooks (Class component vs functional component)  
    <https://medium.com/swlh/the-ugly-side-of-hooks-584f0f8136b6>
  + Hooks vs HOC (Higher Order component)  
    <https://www.robinwieruch.de/react-hooks-higher-order-components>
  + Redux/Mobx/Recoil  
    <https://www.toptal.com/react/react-state-management-tools-enterprise>

### CSS styling

* + CSS to styled components  
    <https://www.robinwieruch.de/styled-components>   
    <https://scotch.io/tutorials/converting-css-in-react-to-styled-component>
  + Theme management  
    <https://www.smashingmagazine.com/2020/04/dark-mode-react-apps-styled-components/>   
    <https://blog.bitsrc.io/theming-react-components-with-css-variables-ee52d1bb3d90>
  + Different ways to use css in react  
    <https://css-tricks.com/the-css-in-react-landscape/>
  + Tailwind CSS with React  
    <https://www.ibrahima-ndaw.com/blog/how-to-use-tailwind-styled-components/>   
    <https://daveceddia.com/tailwind-create-react-app/>