**React Roadmap**

**Learn the basics of HTML and CSS**

* Document structure and semantics
* Basic styling with CSS
* CSS box model and layout
* Responsive design with media queries

**Learn the fundamentals of JavaScript**

* Variables and data types
* Functions and scope
* Arrays and objects
* Control structures (if/else, switch/case, loops)
* DOM manipulation (querySelector, addEventListener)

**Learn the basics of Git and version control**

* Installing Git and creating a repository
* Committing changes and creating branches
* Pushing and pulling changes from a remote repository

**Learn the basics of Node.js and npm**

* Installing Node.js and npm
* Understanding package.json and dependencies
* Running scripts with npm

**Learn the basics of React**

* Setting up a development environment with create-react-app
* Understanding JSX syntax and rendering components
* Working with props and state
* Handling events
* Conditional rendering and lists

**Learn more advanced React concepts**

* Using hooks (useState, useEffect, useContext)
* Working with forms and controlled components
* Routing with React Router
* Managing state with Redux

**Learn how to work with APIs and backends**

* Making HTTP requests with Axios or Fetch
* Understanding RESTful APIs
* Using JSON Web Tokens (JWT) for authentication
* Working with backend frameworks (e.g. Express.js, Django)

**Learn testing and debugging techniques**

* Writing unit tests with Jest
* Using React DevTools for debugging
* Debugging common errors (e.g. state not updating, infinite loops)

**Learn how to deploy and maintain a React app**

* Building a production-ready app with npm build
* Deploying to hosting services (e.g. Heroku, Netlify)
* Continuous integration and deployment (CI/CD) with GitHub Actions or similar tools

**Build and deploy a project**

* Apply what you've learned to build a full-stack React project
* Host the project online and share it with others
* Iterate and improve the project over time