NEXT.JS

mongoDB

NEXTJS WITH MONGODB CRUD APP

BASICS & hOW TO MAKE CRUD APP

React

- # What is NEXTJS ?

Next.js is a free and open-source JavaScript framework for building server-rendered React applications. It is built on top of React and Node.js, and it aims to make it easy to build high-performance, scalable, and dynamic web applications.

OR

The React Framework for Production. Next.js gives you the best developer experience with all the features you need for production: hybrid static & server rendering, TypeScript support, smart bundling, route pre-fetching, and more. No config needed.

- **Features NEXTJS ?**

The Web SDK

Next.js has all the tools you need to make the Web. Faster.

Image Optimization

<Image> and Automatic Image Optimization with instant builds.

Documentation →

Internationalization

Built-in Domain & Subdomain Routing and Automatic Language detection.

Documentation →

Next.js Analytics

A true lighthouse score based on real visitor data & page-by-page insights

Documentation →

Zero Config

Automatic compilation and bundling. Optimized for production from the start.

Documentation →

Hybrid: SSG and SSR

Pre-render pages at build time (SSG) or request time (SSR) in a single project.

Documentation →

Incremental Static Regeneration

Add and update statically pre-rendered pages incrementally after build time.

Documentation →

- # Features NEXTJS ?

TypeScript Support

Automatic TypeScript configuration and compilation.

Documentation →

Fast Refresh

Fast, reliable live-editing experience, as proven at Facebook scale.

Documentation →

File-system Routing

Every component in the `pages` directory becomes a route.

Documentation →

API Routes

Optionally create API endpoints to provide backend functionality.

Documentation →

Built-in CSS Support

Create component-level styles with CSS modules. Built-in Sass support.

Documentation →

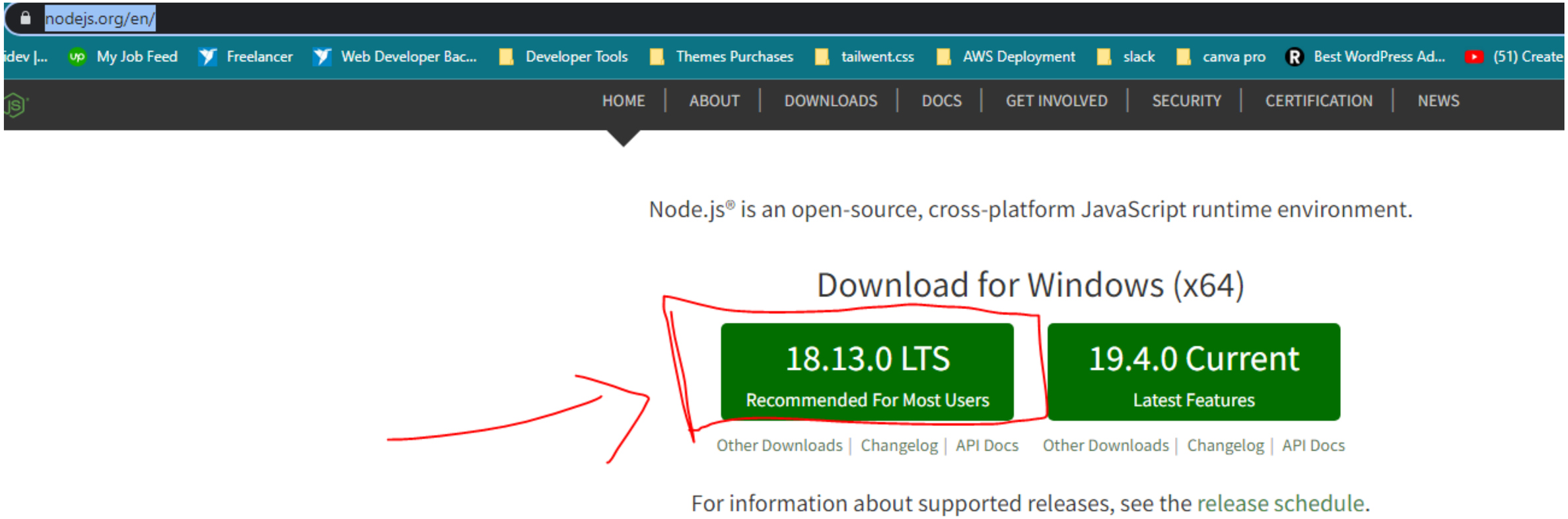
Middleware

Dynamic routing defined by code instead of configuration.

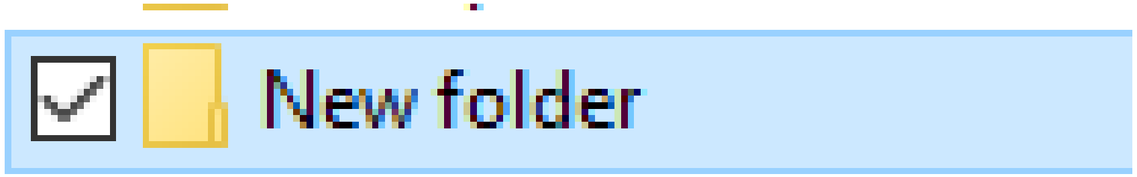
Documentation →

- **How to create NextJs App?**

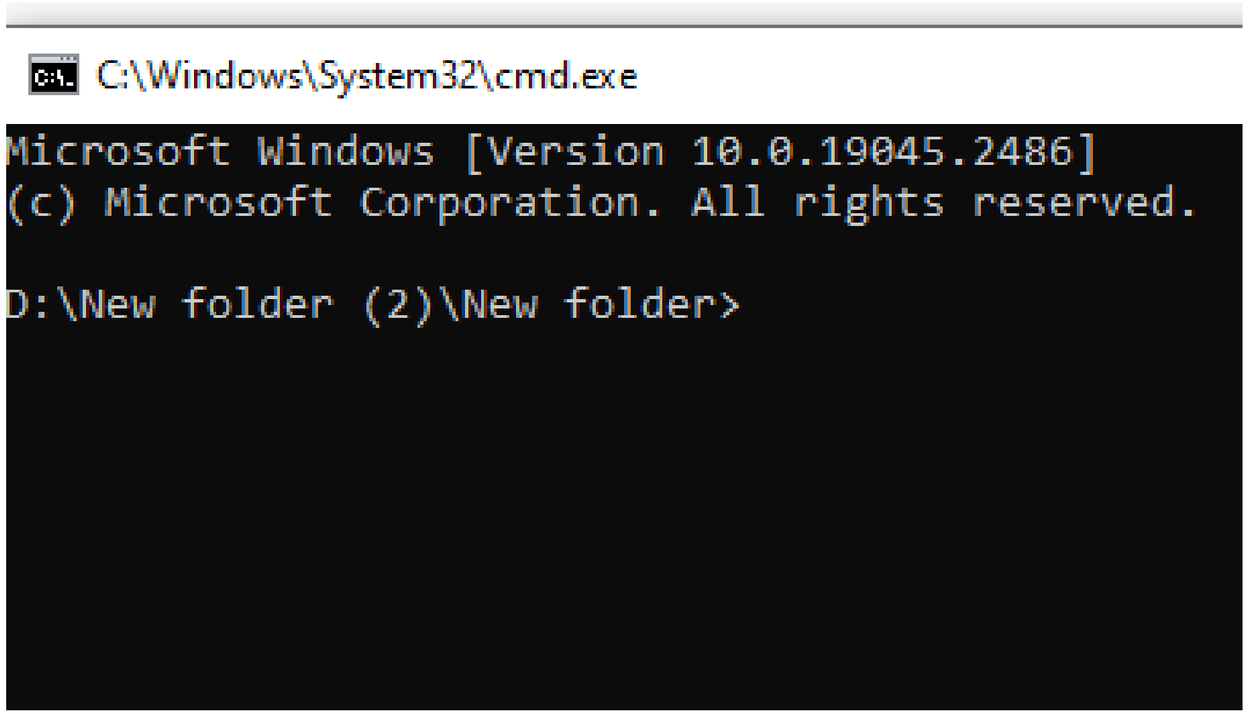
1. **Install Nodejs in your Windows OR Mac Operating system. (https://nodejs.org)** 🌐



2. **Create New Empty Folder...**



3. **Open Folder in CMD...**



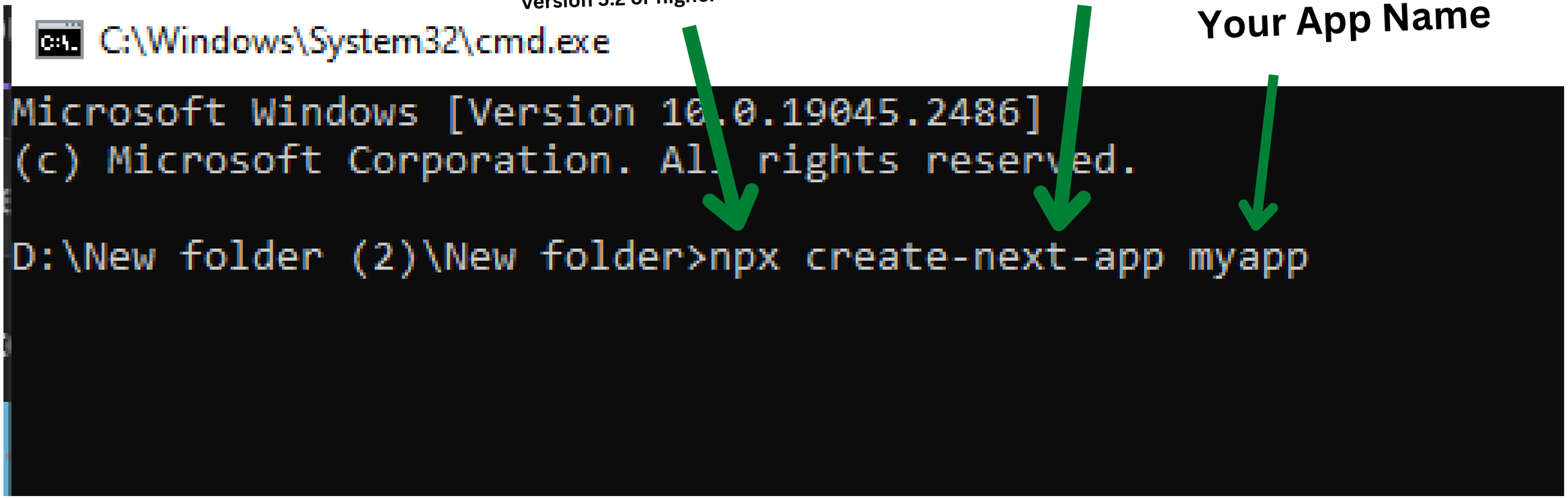
4. **Write this command to create Nextjs App Package...**

npx create-next-app myapp

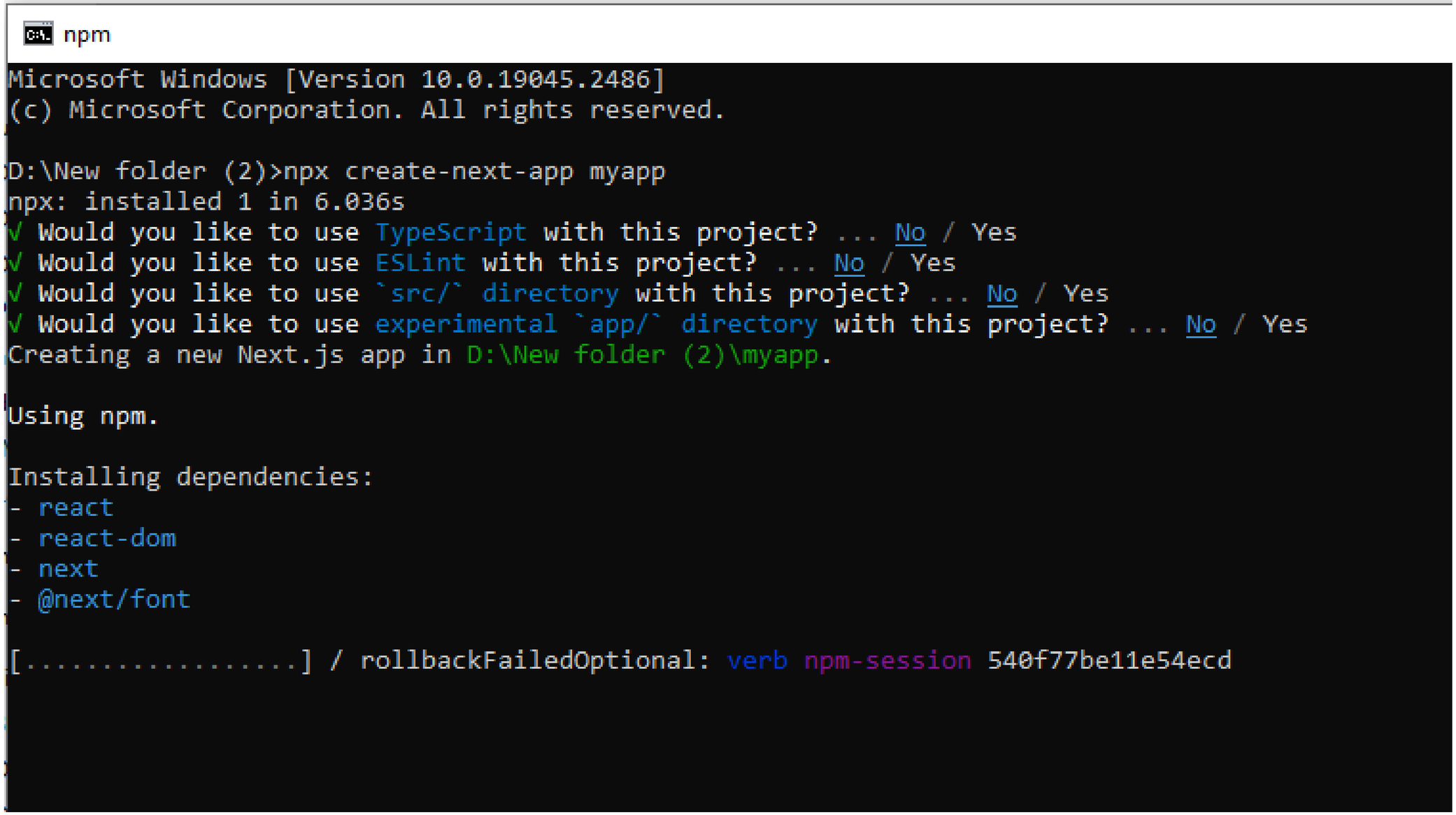
npx is a package runner tool that comes with npm (Node Package Manager) version 5.2 or higher

create-next-app is a command line tool that allows you to quickly create and set up a new Next.js application

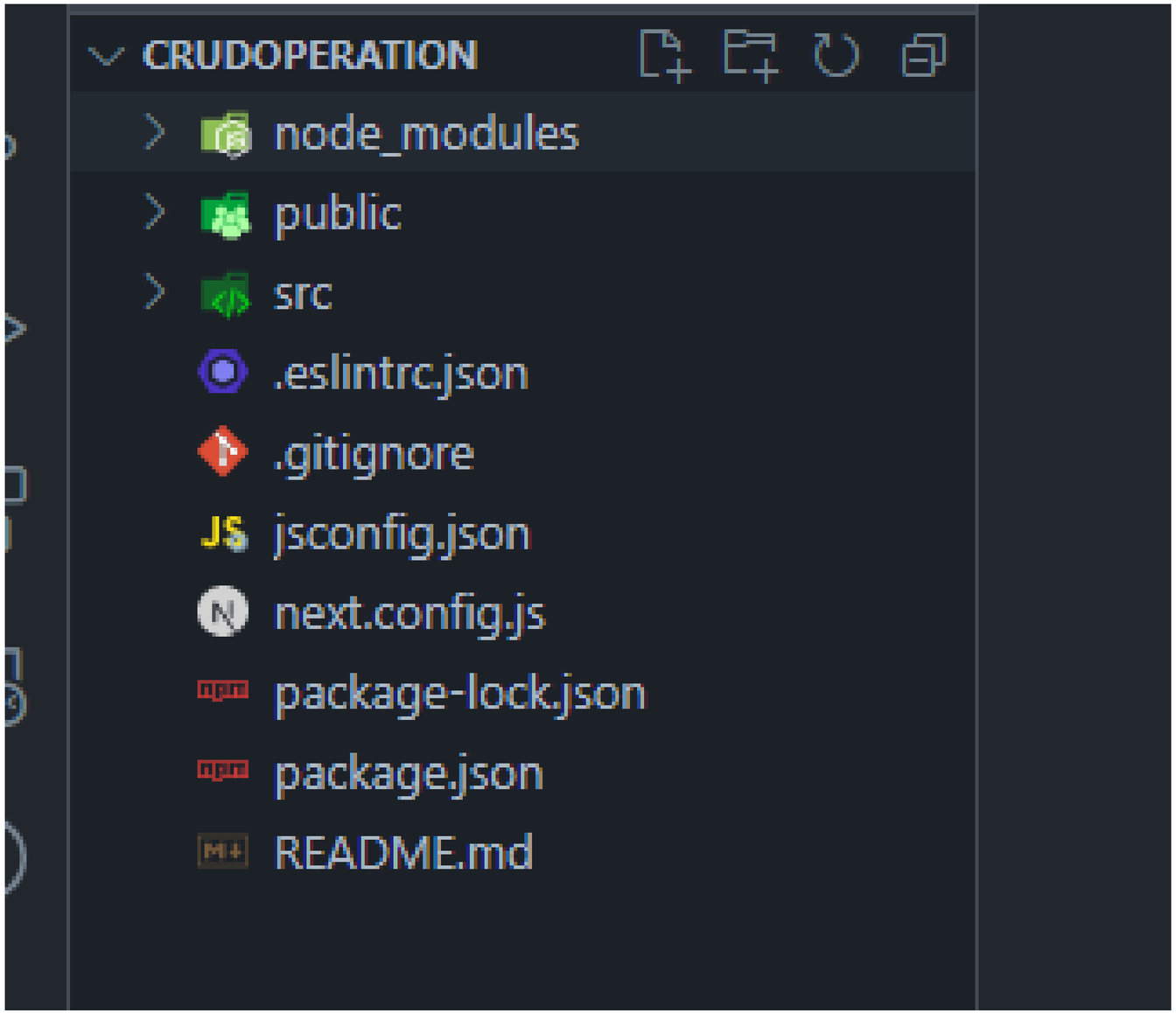
Your App Name



5- Select (NO) All Options...

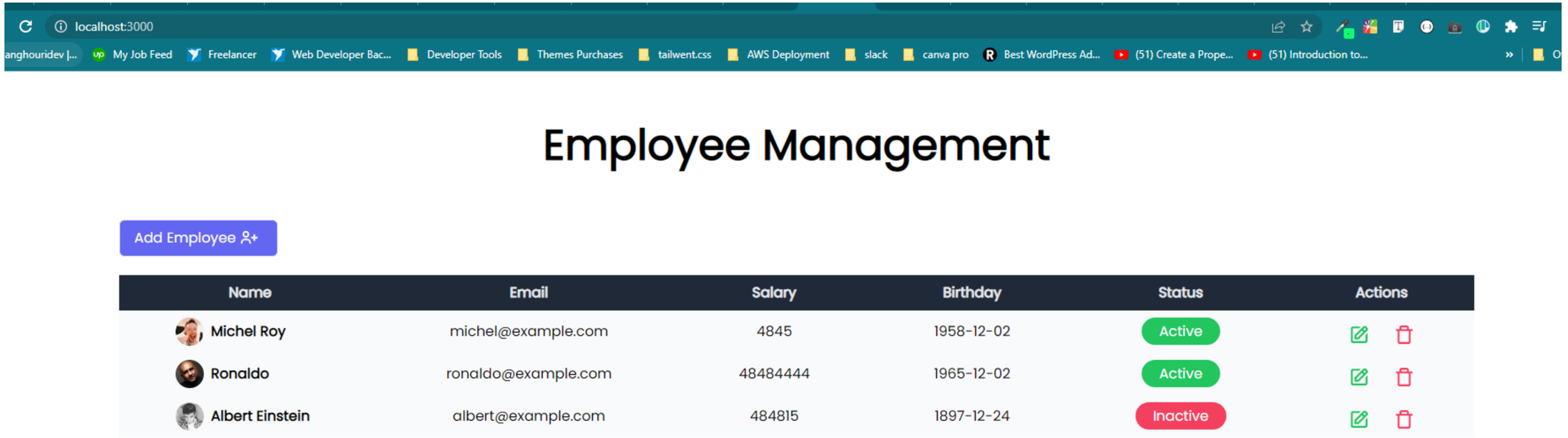


5. **NEXTJS FOLDER STRUCTURE? After Create NextJS App**



Let's Start CRUD Application Using MongoDB, Nextjs(React), Redux and TailwindCss.

---Final Application Vision Looks Like---



Employee Management

Add Employee

Essac

Newton

essac@essac.com

484841

12/12/1785

Active

Inactive

Add +

Name	Email	Salary	Birthday	Status	Actions
Michel Roy	michel@example.com	4845	1958-12-02	Active	
Ronaldo	ronaldo@example.com	48484444	1965-12-02	Active	
Albert Einstein	albert@example.com	484815	1897-12-24	Inactive	

Employee Management

Add Employee

Added Successfully

Name	Email	Salary	Birthday	Status	Actions
Michel Roy	michel@example.com	4845	1958-12-02	Active	
Ronaldo	ronaldo@example.com	48484444	1965-12-02	Active	
Albert Einstein	albert@example.com	484815	1897-12-24	Inactive	
Essac Newton	essac@essac.com	484841	1785-12-12	Inactive	

Employee Management

Add Employee

Michel

Roy

michel@example.com

4845

12/02/1958

Active Inactive

Update

Name	Email	Salary	Birthday	Status	Actions
Michel Roy	michel@example.com	4845	1958-12-02	Active	
Ronaldo	ronaldo@example.com	48484444	1965-12-02	Active	
Albert Einstein	albert@example.com	484815	1897-12-24	Inactive	
Essac Newton	essac@essac.com	484841	1785-12-12	Inactive	

Employee Management

Add Employee

michele

morrone

michel@example.com

4845

12/02/1958

Active Inactive

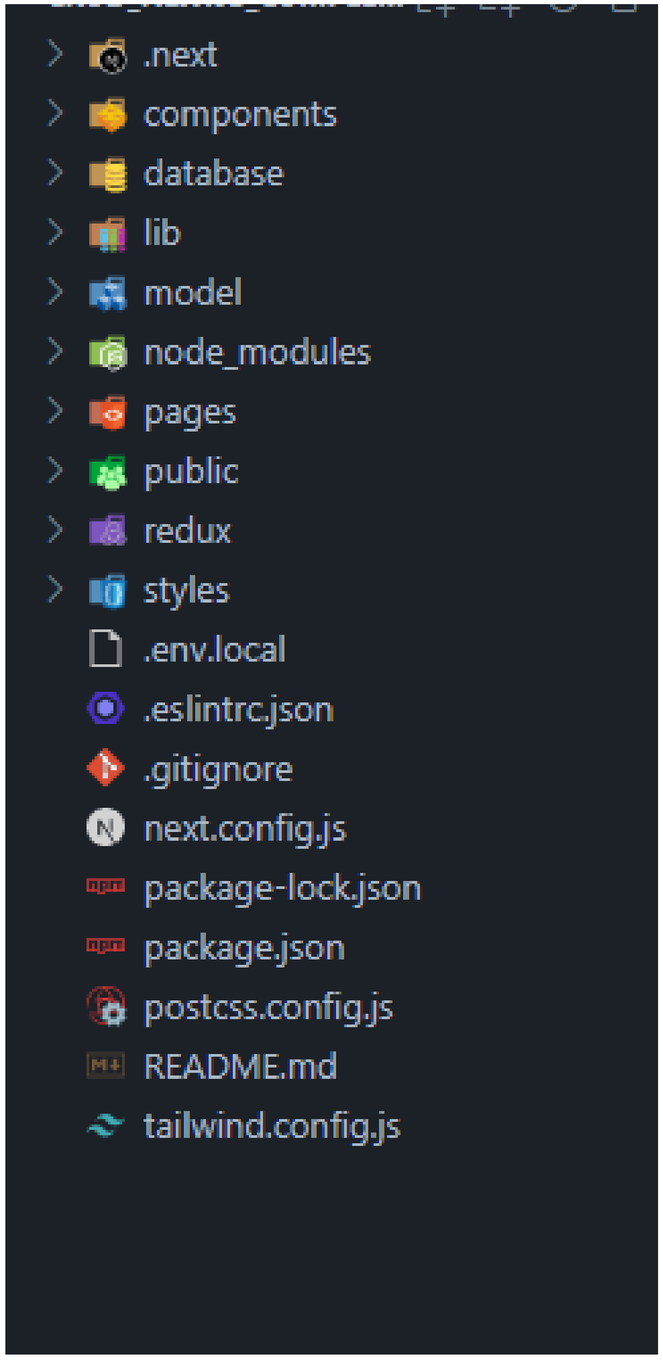
Update

Name	Email	Salary	Birthday	Status	Actions
Michel Roy	michel@example.com	4845	1958-12-02	Active	
Ronaldo	ronaldo@example.com	48484444	1965-12-02	Active	
Albert Einstein	albert@example.com	484815	1897-12-24	Inactive	
Essac Newton	essac@essac.com	484841	1785-12-12	Inactive	

Employee Management

Add Employee

Name	Email	Salary	Birthday	Status	Actions
michele morrone	michel@example.com	4845	1958-12-02	Active	
Ronaldo	ronaldo@example.com	48484444	1965-12-02	Active	
Albert Einstein	albert@example.com	484815	1897-12-24	Inactive	
Essac Newton	essac@essac.com	484841	1785-12-12	Inactive	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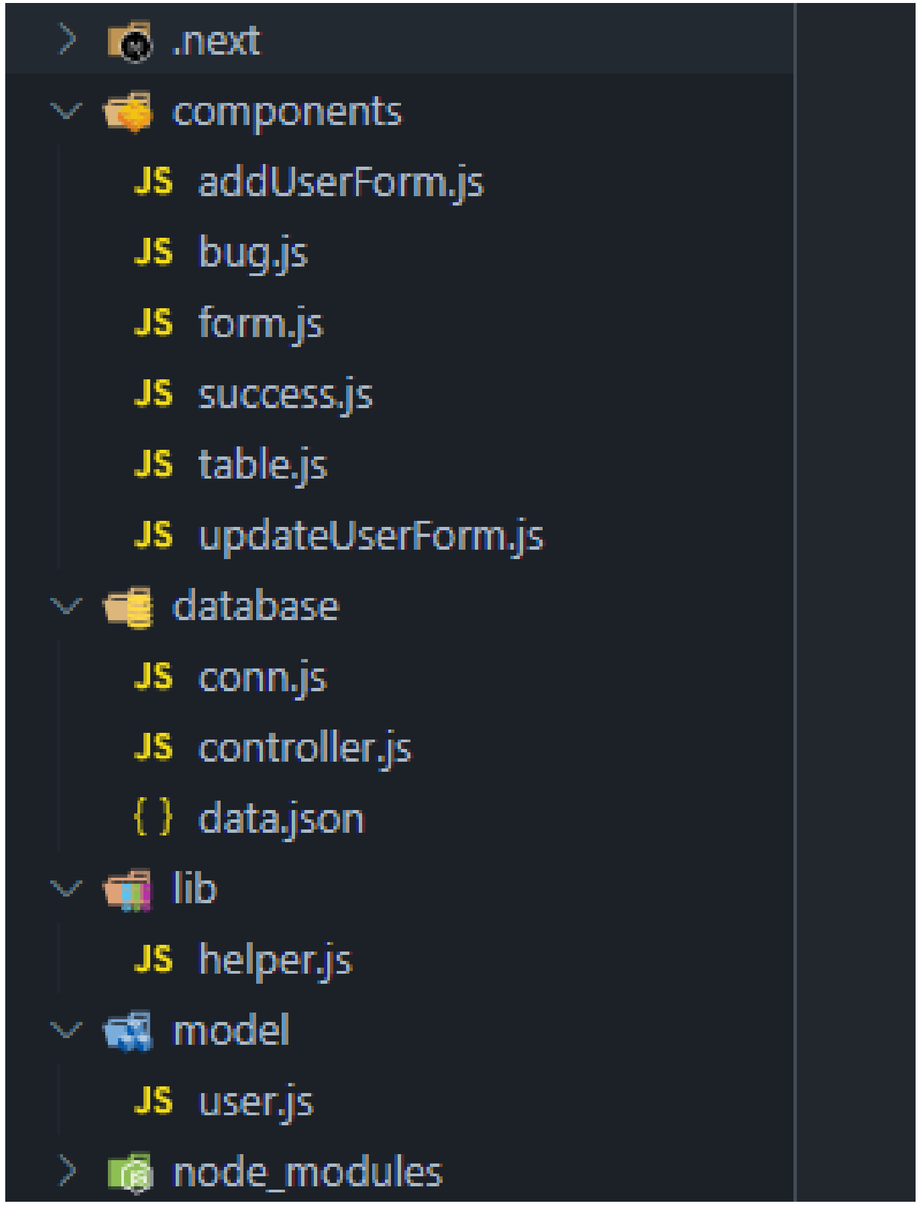
package.json
postcss.config.js
README.md
tailwind.config.js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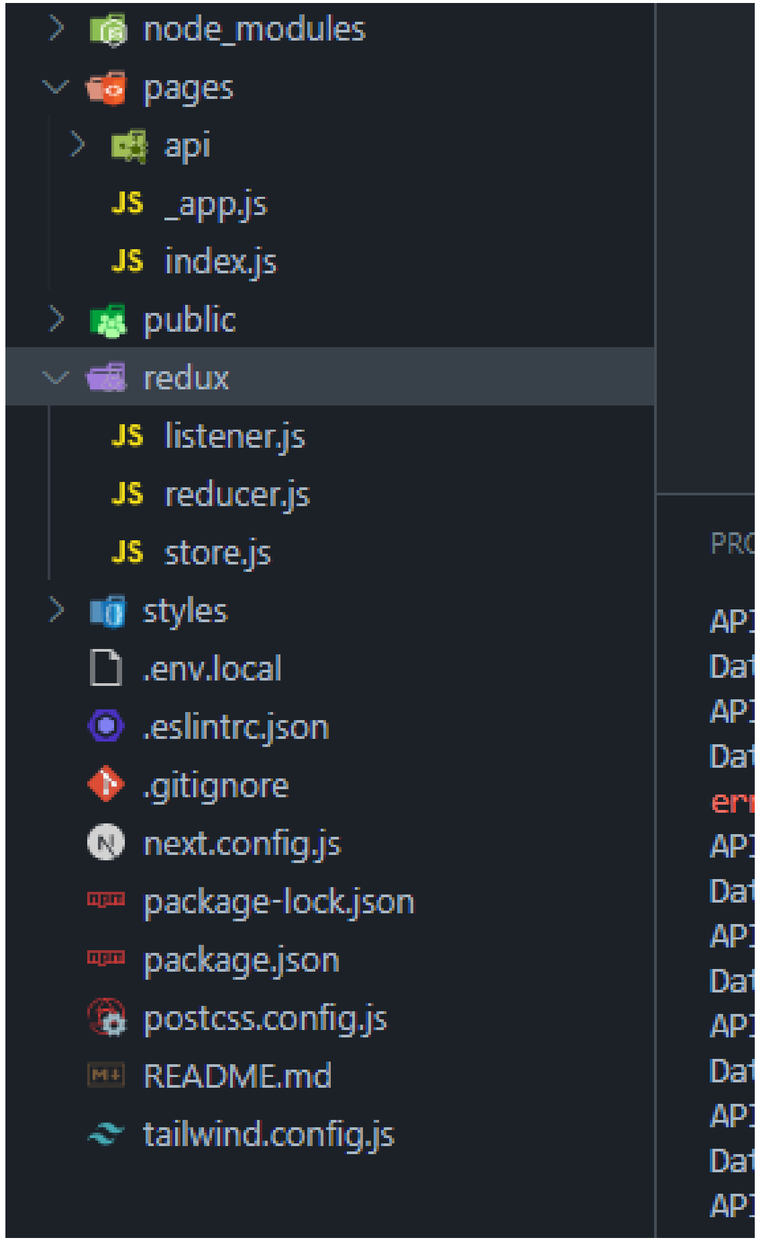
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reducer.js
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README.md
tailwind.config.js