

# Webpack + React Cheat Sheet (Hindi-English Mix)

## What is Webpack?

Webpack ek module bundler hai. React app ke multiple JS, CSS, images files ko combine karke ek ya kuch files me convert karta hai for fast loading.

Trick: W.E.B.P.A.C.K = Web Easy Bundler for Projects And Components Ka King

## React App me Webpack ka Role

1. Bundling Files - React ke har component ko combine karke final bundle.js banata hai.
2. JSX to JS Conversion - Babel Loader ke through JSX ko JS me convert karta hai.
3. CSS, Images, Fonts Handling - Different loaders use karta hai.
4. Live Reloading - Webpack Dev Server se auto-refresh milta hai.
5. Production Optimization - Minify, Tree Shaking, Gzip jaise techniques use karta hai.

Tricks:

- JSX ko JS banane wala Jadugar = Babel + Webpack
- Har type ki file ka apna translator = Loader
- React development ka DJ = Webpack Dev Server
- Deploy se pehle Webpack karta hai Beauty Parlour wali safai

## Summary Table

Task	- Webpack ka kaam
Files bundle karna	- karta hai
JSX ko JS me badalna	- Babel loader se
CSS/Images ko handle karna	- Loaders se
Live preview dena	- Dev Server se
Production optimization	- Plugins + mode se