

WEB DEVELOPMENT ROADMAP

PHASE 1: FOUNDATIONS OF WEB DEVELOPMENT

- HTML: Semantic tags, forms.
- CSS: Box model, Flexbox, Responsive design.
- JavaScript: DOM manipulation, event handling, ES6 basics.
- Git & Github

Projects:

- Todo List
- Password Generator
- Expense Tracker

Youtube Resources

- [CodeHelp - by Babbar](#)
- [Akshay Saini](#)

PHASE 2: REACT

- React Basics: JSX, components, props, state, events.
- React Advanced: Hooks, React Router, Context API, Redux.
- Tailwind CSS for Styling
- Framer Motion for animations

Projects:

- Portfolio Website

Youtube Channel

- Sheryians Coding School
- Hitesh Choudhary

PHASE 3: BACKEND DEVELOPMENT

- Node.js: Basics, asynchronous programming.
- Express.js: API creation, middleware.
- Networking
- MongoDB: NoSQL basics, Mongoose, CRUD operations.
- Authentication: JWT or sessions.

Youtube Channel

- **Chai aur Code**
- **Piyush Garg**

PHASE 4: MERN STACK PROJECT

- Integrating Frontend and Backend with Axios/Fetch API.
- Deployment: Vercel, Netlify, MongoDB Atlas.
- Build a Project on MERN Stack.