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## Dipesh Devkota

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Portfolio: <https://portfolioreact-beige-alpha.vercel.app/>

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### Profile:

Skilled MERN-STACK Fresher with expertise in the (Tailwind,JS,Reactjs,GSAP,MongoDB,NODEJS &EXPRESSJS ) especially in dynamic web applications.Committed to delivering high quality,responsive and secure solutions.

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### Projects:

#### 1. MERN STACK E-COMMERCE WEBSITE:

**DESCRIPTION:** Built an E-commerce Website Using the MERN Stack!

Key Features:

Frontend(React):

- **State Management:** Managed state locally and used React Context API.
- **Responsive UI:** Ensured seamless experience across devices.
- **Routing:** Used React Router for single-page application navigation.
- **Hooks:** Utilized hooks like useState, useEffect, and useContext.
- **CRUD Operations:** Implemented functionality to add, update, and delete products.
- **Data Fetching:** Fetched product data from the backend API.

Backend:

- 1.User Authentication: Secure login and registration with JWT tokens
- 2.Product Management: Add and delete products with detailed descriptions and images.
- [3.Shopping](#) Cart: Smooth add-to-cart functionality
- 4.Admin interface: Admin can add and delete the products.
- 5.Product categories and tags for better organization.
- 6.Efficient data handling with MongoDB.

Link:<https://github.com/DipeshDevkota/merncommerec>

#### 2. CONTACT\_MANAGER:

**Description:**Built contact manger with the help of Express.js and Node.js and efficient data handling with MongoDB.

Key features:

- 1.Authenticate users with email and password.
- 2.Secure API access with JSON Web Tokens.
- 3.Add, update, delete, and fetch all contacts with details like name, phone number, email, and address.
4. Password Encryption: Encrypt user passwords before storing them in the database.
5. Authentication Middleware: Protect routes with middleware to ensure only authenticated users can access them.

Link: <https://github.com/DipeshDevkota/moneyconverter8>

#### 3. DICE GAME:

**DESCRIPTION:** Developed a game called DICE GAME in a REACT APP ,with the concepts of REACT JS.

Key features:

- **React-Based:** Built using React for dynamic UI.
- **Hooks:** Managed game state with useState, implemented side effects with useEffect, and maintained references for animations with useRef.
- **Two-Player Mode:** Players take turns rolling the dice.
- **Game Logic:** Determines winner based on dice rolls.
- **Real-Time Updates:** Immediate update of dice roll results.

- **Reset Functionality:** Option to reset the game for a new match.
- **Interactive Interface:** Engaging and user-friendly design.

Link: <https://github.com/DipeshDevkota/reacidice>

#### 4. FOODY\_ZONE:

**DESCRIPTION:** Developed an app that contains the menu of the foods with the help of REACT JS

**Key Features:**

- **React-Based:** Developed using React for dynamic UI.
- **Menu Display:** Shows a comprehensive menu of foods.
- **Category Filter:** Allows filtering foods by categories.
- **Search Functionality:** Search bar to find specific items.
- **Responsive Design:** Optimized for different screen sizes.

Link: <https://github.com/DipeshDevkota/foodyzone>

#### 5. REDUX TOOLKIT:

**DESCRIPTION:** Built an e-commerce website using Redux Toolkit for managing state.

**Key Features:**

1. **Redux Toolkit:** Used for managing app-wide state efficiently.
2. **Global State:** Managed products, cart, and user info centrally.
3. **State Slices:** Organized state into pieces for easier management.
4. **Dispatch Actions:** Triggered updates and handled side effects.
5. **React Hooks:** Used useSelector to access Redux state and useDispatch to trigger actions for state updates.
6. **Async Operations:** Handled tasks like data fetching with Redux Thunk.
7. **CRUD Operations:** Implemented functionality to add, update, and delete products.
8. **Data Fetching:** Fetched product data from the backend API.

Link: <https://github.com/DipeshDevkota/reduxtoolkit>

#### 6. TICTACTOE GAME:

**DESCRIPTION:** Developed a game called TIC-TAC-TOE with JAVASCRIPT, where two players can play against each other for the victory.

**Key features:**

1. Players take turns to play against each other.
2. User-friendly game board for easy interaction.
3. Option to reset the game and start a new match.

Link: <https://github.com/DipeshDevkota/TIC-TAC-TOE>

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#### **Skills:**

1. CSS
2. TAILWIND\_CSS
3. JAVASCRIPT
4. REACT JS
5. REDUX\_TOOLKIT

6. GSAP
  7. FRAMER-MOTION
  8. MONGODB
  9. NODEJS
  10. EXPRESSJS
  11. **TOOLS:**Git and GitHub
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**Education:**

➡ **Trinity International SS/College**

*+2 Science, August 2021-June 2023*

➡ **Asian School Of Management And Technology**

*Bachelors in Computer Science And Information Technology(BSC.CSIT)*

*Currently in 4<sup>th</sup> Semester*