

Prabhat Thapa

Developer, Problem Solver

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[My Website](#)

[Github](#)

EDUCATION

IOE Purwanchal Campus, Dharan, Sunsari — *Bachelor's Degree In Electronics and Communication Engineering*

Passed Year: March 2021

Damak Multiple Campus, Damak, Jhapa — *Intermediate Level (+2)*

Passed Year: June 2015

Mount Everest English Secondary School, Gauradaha, Jhapa — *SLC*

Passed Year: March 2013

PROJECTS

Movie App — Project | Source Code

- Developed a movie app using **React JS** and **Tailwind CSS**.
- Splitted the entire project into different reusable components like MovieCard, Navbar, HeroSection, and Footer.
- The movie and tv shows data are fetched from the **TMDB API** with the assistance of a state management library called **Tanstack Query**.

Recipe App — Project | Source Code

- Utilized **React JS** and **Bootstrap** for cloning the food recipe website Delish..
- Implemented **.Redux Toolkit** as a state management tool for managing both the client states and server states of the application.
- Used data provided by **Spoonacular API** for populating the website. The data was pulled from the API using **Thunk Middleware** provided by Redux Toolkit.

News Website — Source Code

- Employed **Bootstrap** and **React JS** for developing the front-end of the web application.
- Created different category pages to show news based on the category.

Design and Fabrication of Microstrip Patch Antenna

- This project aimed for designing and studying the properties of microstrip antenna used in various electronic devices.
- The design of the antenna is prepared in software tool called **ANSYS HFSS**.

Pond Water Monitoring System

- It is an automated system for monitoring the quality of water in a pond with the use of **pH sensor, LDR sensor and DHT 11 sensor**.
- The sensor array is interfaced with **Arduino** and **ESP8266** for computing and displaying the sensor data through web page.

SKILLS

- **Programming**
 - HTML
 - CSS
 - Javascript
 - C
 - C++
 - Arduino
- **Library & Frameworks**
 - React
 - Tailwind CSS
 - Bootstrap

ACHIEVEMENTS

- Attended workshop on “**Get Your Hands Dirty With React**” organized by Microsoft Learn Student Ambassador.
- Won Second Prize in **Smart Digital Room Design Competition** organized by IOE Purwanchal Campus.

LANGUAGES

- Nepali
- English
- Hindi
- Bengali

HOBBIES

- Playing Guitar
- Reading Novels
- Chess
- Badminton
- Table Tennis