Prabhat Thapa

Developer, Problem Solver

Narephat, Balkumari
(+977) 9804902664
thapaprabhat4@gmail.com
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**.
- Split the entire project into different reusable components like MovieCard, Navbar, Hero section, and Footer.
- The movie and tv show 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 at designing and studying the properties of microstrip antenna used in various electronic devices.
- The design of the antenna is prepared in a 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 a **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 the 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 Studen Ambassador.
- Won Sceond 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