Maniraj Yadav

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EDUCATION

SRM University AP **October 2022-June 2026**
Bachelor of Technology (B.Tech) in Computer Science and Engineering ***(CGPA – 8.58)*** *Andhra Pradesh,India*

National Infotech College **2020-2022**
Intermediate(+2) ***(84.25%)*** *Birgunj,Nepal*

SKILLS

Programming Language: C,C++, Java, Python, JavaScript, SQL(MySQL)
Libraries/Framework: React, Tailwind CSS, MongoDB, Express, Node
College Coursework: Data Structures and Algorithm, Database Management System(DBMS)
Version Control: Git & GitHub

PROJECTS

Roomie - Roommate Finder App | Code **July-2024**
ReactJS, Firebase, ChakraUI

- Designed and developed a fully responsive website that enables authorized users to **post listings** and **send requests** for new roommates.
- Used **Google Maps API** to show listings on a map, helping users find roommates by location.
- Implemented Firebase Authentication for secure **multi-method login**, Firestore for the database, and Zustand Library for state management.

The Newsmania - Newspaper Web App | Code **Jun-2024**
ReactJS, Tailwind CSS, Node.js, MongoDB, Express.js

- Developed a comprehensive and responsive website that gathers **popular newspaper headlines** of India and the USA.
- Allows registered users to **save news articles** and add **personalized notes** for future reference.

UrbanThreads - Ecommerce Website | Code | Live **May-2024**
ReactJS, Node.js, MongoDB, Express.js

- Engineered a Full Stack website with **admin panel** for product management and order tracking using MongoDB for data storage.
- Added **custom Chatbot** and designed responsive frontend and for a seamless user experience.
- Utilized MongoDB, **API calls**, and Git for database management, data retrieval, and version control.

MetroRoute Tracker | Code **Dec-2023**
C++, Graph Data Structure

- Applied **Dijkstra's** shortest path algorithm to find the route which takes the shortest time to travel from source to destination in a given track network.
- Based on the shortest path found, calculate the total fare for the journey using the fare structure.

CERTIFICATIONS

The Joy Of Computing Using Python by NPTEL

- *variable,expression,loop,conditionals,list,tuples,recursion,sentiment analysis, image processing*

GitHub Essential Training by Aaron Stewart

- *git push, git pull, git fetch, git merge, git clone, git add, git commit, git checkout, git remove*