

# Maniraj Yadav

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## EDUCATION

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**SRM University AP** | *Bachelor of Technology*

*Andhra Pradesh, India* | **10/2022-Present**

- Cumulative **GPA**: 8.44/10

**National Infotech College** | *Intermediate(+2)*

*Birgunj, Nepal* | **06/2020-07/2022**

- Cumulative **GPA**: 8.4/10

## SKILLS

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- **Language**: C/C++, Java, Python, HTML/CSS, JavaScript, SQL(MySQL)
- **College Coursework**: OOPs, Data Structures and Algorithm, DBMS
- **Libraries/Framework**: React, Tailwind CSS, MongoDB, Node JS
- **Version Control**: Git & GitHub

## PROJECTS

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### News Web App

- Build a news web app using HTML, CSS and JavaScript and Integrated APIs to fetch and display latest news in real-time.
- Designed and implemented the user interface (UI) for a seamless and intuitive user experience.
- Utilized JavaScript to handle asynchronous operations and enhance interactivity, providing a smooth user experience.
- Implemented key features such as user search option and browsing categories.

### FlightEasy: DBMS based Flight Reservation System

- Developed a DBMS project utilizing React, Node.js, and MySQL.
- User can search for flights, book the flight, add passengers, make payment and generate tickets.
- Designed and optimized MySQL database schema for efficient data storage and retrieval.

### MetroRoute Tracker

- Implemented a C++ program to efficiently track metro prices and routes using Dijkstra's algorithm for optimal path finding.
- Incorporated error handling mechanisms to gracefully manage unexpected user inputs and ensure the program's robustness.
- Utilized version control (Git) for efficient tracking of changes, collaboration with team members, and ensuring codebase integrity.

## CERTIFICATIONS

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### 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*