


# MATHE PRANAV SRINIVAS

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## EDUCATION

**Indian Institute of Information Technology Dharwad**  
*Computer Science Engineering*

**12 2021 – 05 2025**  
*Dharwad, Karnataka, India*

**C.V.Raman Bhavan**  
*12th Grade*

**06 2019 – 05 2021**  
*Vijayawada, Andhra Pradesh, India*

## PROJECTS

**Fusion - A Social Media Platform**  | HTML,CSS,JS,Mongo db,Express JS,NodeJS **04 2023**

- Developed frontend for a social media chat Application using **HTML, CSS, JS, MongoDB, ExpressJS, NodeJS** with real-time chat, and community(Group Chat) features.
- Created Userfriendly and immersive interface for the users Continuously enhanced functionality by adding new features for better user engagement.

**College Course Registration**  | HTML,CSS,JS,Mongo db,Express JS,NodeJS **04 2024**

- Developed a College Course Registration web application using HTML,CSS,JS,Mongo db,Express JS,NodeJS. With secure login system using JWT for authentication, featuring encrypted passwords with bcrypt, validation, role based access control.
- This Application contains 2 specific types of users i.e. Teacher and Student. They can login to the portal by the credentials set by the ADMIN.
- Teachers can add a course and mange the students enrolled in it, students can check for the available courses and register for the courses.

**Vehicle Routing Problem**  | Python **04 2024**

- Developed a solution for the Vehicle Routing Problem using the Sweep Algorithm, optimizing routes across multiple datasets to improve efficiency and reduce travel costs.
- Managed to reduce time for some universal DataSets.

## Coursework / Skills

- |                                      |                              |
|--------------------------------------|------------------------------|
| • Data Structures and Algorithms     | • Human Computer Interaction |
| • Database Management Systems (DBMS) | • Figma Designing            |
| • Machine Learning Basics            | • Operating Systems          |
| • Security Engineering               | • Software Design Principles |
| • Computer Networks                  | • OOPS                       |
| • Basics of Cyber Security           | • Project Management         |

## TECHNICAL SKILLS

### Languages:

Python, C, C++, HTML, CSS, JavaScript, SQL, Data Science

### Technologies/Frameworks:

Linux, GitHub, ReactJS, NodeJS, ExpressJS, Git, MongoDB

## SOFT SKILLS

Critical Thinking, Decision Making, Communication Skills, Multi-Tasking, Adaptability, Time Management