

SMITHA T S

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Education

National Institute of Engineering, Mysore

Bachelor of Engineering (B.E), Computer Science (Currently 6th Semester)

CGPA 8.95

Base PU College, Mysore

2nd PUC 2020

88.50%

Vidyaniketan High School, Tumkur

10th 2019

96.64%

Technical Skills

Languages: C, C++, Python (Intermediate), JavaScript, Java(Intermediate) HTML, CSS.

Libraries/Framework: ReactJS, Node.js, Express.js

Database: SQL, MongoDB

Concepts: Data Structures & Algorithms, Database Management System (DBMS), Operating Systems, OOPS Concept

Projects

1) Hostel Management System | [Link](#)

MySQL, HTML, CSS, JavaScript, Bootstrap

Developed a hostel management system to streamline accommodation, room allocation, and addressing student queries. Included features for appointing or removing hostel managers by the hostel admin, creating an efficient and user-friendly system for managing hostel operations.

2) YouTube Video Transcriber | [Link](#)

Python, YouTube Transcript API, Gemini API

Developed a YouTube video transcriber that extracts transcripts from YouTube videos using the YouTube Transcript module in Python. Summarizes the content using the Gemini API and provide options to convert the summary into multiple languages. Allows downloading the summary in any specified language.

3) Book Store Application | [Link](#)[Link](#)

React, Node.js, Express.js, MongoDB, JWT

Developed a full-stack book store application using React for the frontend and Node.js with Express.js for the backend. MongoDB was used as the database to store user data, book information, and wishlist/buylist records. JWT tokens were employed for secure user authentication and authorization. The application offers a user-friendly interface for searching books and managing personalized wishlists and buylists.

Volunteer Experience

1) IEEE Blood Donation Camp

Volunteered at the IEEE Blood Donation Camp organized by the WIE section of IEEE, where I assisted in organizing the event and registering donors, ensuring a smooth and efficient process throughout the day.

2) AI Summit organized by the CS Branch at the National Institute of Engineering

Volunteered at the AI Summit organized by the CS branch, working closely with lecturers to coordinate sessions, manage attendee registrations, and distribute certificates, contributing to the overall success of the event.

Certifications

1. Machine Learning in Python – Coursera

Studied machine learning algorithms and techniques, including supervised and unsupervised learning, regression, and classification. Learned to utilize Python libraries such as scikit-learn and pandas for practical implementations.

Soft Skills

- Communication
- Team Work
- Coordination