

# Smitha T S

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## Projects

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### 1. Hostel Management System

**Tools:** 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.
- Created an efficient and user-friendly system for managing hostel operations.

### 2. YouTube Video Transcriber

**Tools:** 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.
- Provides options to convert the summary into multiple languages.
- Allows downloading the summary in any selected language.

## Skills

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- **Programming Languages:** C, C++, Python (Intermediate), Java (Intermediate), SQL
- Data Structures and Algorithms
- Object-Oriented Programming (OOP)

## Web Development Skills

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- **Frontend:** HTML, CSS, JavaScript
- **Backend:** Node.js, Express.js, Django, Spring Boot (Intermediate)
- **Databases:** MongoDB, MySQL

## Education

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### Bachelor Of Engineering in Computer Science

*The National Institute Of Engineering, Mysuru*

2021-2025

*Current CGPA: 9.0*

### Pre-University

*Base PU College, Mysuru*

2019-2020

*Score: 88.5*

### SSLC (10th Standard)

*Vidyaniketan High School, Tumkur*

2017-2018

*Score: 96.64*

## Professional Development

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### Wereteck Solution, Startup

- Completed Java and Spring Boot training under experienced mentors.
- Built backend applications with Spring Boot, integrating RESTful APIs.
- Gained hands-on experience in database integration and application deployment.

