

SANVIT KATREKAR

CONTACT

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Permit: Automatic

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EDUCATION

09/2021 - Current **B.E: Computer Science** Engineering BITS Pilani, Dubai, UAE

CGPA 9.77

Member of ACM BPDC

CBSE Grade 12: Computer Science Delhi Private School, Dubai, UAE

CBSE 12th result: 97%

LANGUAGES

English

Fluent

Hindi

Upper intermediate

Marathi

Fluent

German

Elementary

Arabic

Beginner

CERTIFICATIONS

- Cisco IoT and Networking course
- · 30 Days of Postman for developers
- · Postman API fundamentals Student Expert

PROFESSIONAL SUMMARY

Year 4 CS student aspiring to gain experience in writing clean, readable and testable code. Fast learner and adaptable to various methodologies. Seeking to leverage skills and achieve continuous growth.

TECHNICAL EXPERIENCE

June 2023 - August 2023 Intern, Veehive.ai, Dubai, UAE

- · GenAl engineer for CBEE.ai,
- · Worked on video content generation tools
- Full stack web development using FastAPI and React
- Experience with cloud hosting using Azure VM

Year 4 CS Student, BITS Pilani, Dubai, UAE

Discipline courses completed:

- C Programming
- OOP with Java
- Logic in CS
- · Discrete Structures in CS
- Computer Architecture
- · Theory of Computation
- Principles of Programming Languages
- · Operating Systems
- · Design and Analysis of Algorithms
- · Compiler Construction
- · Computer Networks
- · Data Mining
- Neural Networks and Fuzzy Logic
- · Blockchain Technology

Projects, 2024

CBEE.AI

- · Created video services such as URL to Video, Text to Video
- Video content generated with LLM + LangChain
- Full stack web app with FastAPI + React + MySQL
- Cloud hosting using AWS S3 and Azure VM

Campus Management System

- · Web portal supporting CRUD for entities on campus
- · Admin pages for campus Faculty, Students, Hostel and Canteen
- Full stack web app with ExpressJS + Angular + MySQL

SignLink Al

- Converts English to ESL (Emirati Sign Language)
- · Generates videos based on standard ESL signs
- Video Content generated using LLM + LangChain + video clips
- · Web app with FastAPI + React

Market Management System

- Simple GUI Desktop app with Tkinter in Python + MySQL
- · Customer page: setting profile and ordering items online
- · Admin page: viewing customer list, maintaining inventory and managing system

Tourist Recommendation System

- Creates a travel plan based on user preferences
- Includes Attractions recommendations + Hotel Stay
- Uses an RBM model and a MF-ALS model
- Utilizes LBSN and iGSLR model

TECHNICAL SKILLS

Programming Languages:

- Python
- JavaScript/TypeScript
- Java
- C/C++

Databases:

MySQL

Web Frameworks:

- Angular/React
- Django/Flask/FastAPI
- NodeJS

Tools and Libraries:

- Git/GitHub
- Visual Studio Code