

# SREEPATHY VADAKKATH JOSHY 3RD YEAR

✉ sreepathyjoshy@gmail.com ☎ +918921651109 🌐 Sreepathy\_

## EDUCATION

### Bachelors of Technology Computer Science and Engineering

Amrita Vishwa Vidyapeetham ☑

CGPA - 7.95 / 10

### Higher Secondary Education

Sharjah Indian School

12TH GRADE - 83.6%

10TH GRADE - 82.4%

## SKILLS

FULL STACK DEVELOPMENT • React • RESTful API • MongoDB • Web scraping • Python •  
OpenAI API integration • JSON • UI/UX • CSS • Tkinter • HTML • Java • UNIX

## PROJECTS

### HOTEL MANAGMENT SYSTEM

- Built a full-stack **Hotel Management System** using the **MERN stack (MongoDB, Express.js, React, Node.js)**
- Created responsive UI components using **React, HTML, and SCSS**
- Designed and implemented **RESTful APIs** for hotel operations and connected them to a React frontend
- Used **MongoDB** for data storage, focusing on schema design, data modeling and CRUD operations

### WEB 2 MCQ

- Developed a **Python** desktop app with a simple **Tkinter** GUI for link input and result export
- Scraped website content using BeautifulSoup and processed it into clean text
- Integrated **OpenAI API** to automatically generate quiz questions in **JSON format** from the scraped content
- Added export functionality to save the generated Q&A as a **PDF**

### COLLEGE WEBSITE CLONE

- Replicated the **UI of my college website** using **HTML and CSS** to practice frontend development
- Focused on building **responsive layouts** and matching the website's design and structure
- Improved understanding of **CSS styling, positioning, and layout techniques**