



## HARSHVARDHAN MANDLIK

B.E. – Computer Engineering

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### BRIEF SUMMARY

A highly motivated Computer Engineering student specializing in Artificial Intelligence and Data Science, with a strong foundation in Python, C++, and web development. Passionate about applying AI/ML to real-world problems, with hands-on experience in data structures, algorithms, and software development

### KEY EXPERTISE

- Python
- Artificial Intelligence
- HTML
- Data structures
- Data Analysis
- CSS
- C++
- My-SQL
- Javascript

### EDUCATION

2021 - 2025

#### Dr. D. Y. Patil Institute of Technology

B.E. Computer Engineering | CGPA: 8.89 / 10

2021

#### Kamalnayan Bajaj Jr . College

12<sup>th</sup> | MSBSHSE | Percentage: 76.83/ 100

2019

#### Kamalnayan Bajaj High School

10<sup>th</sup> | MSBSHSE | Percentage: 92.40 / 100

### PROJECTS

#### AI-based Q&A System for News Articles

##### Key Skills:

LangChain, OpenAI API (GPT), Flask, NLP, AI Integration

I developed an AI-based Q&A system for news articles to help users extract insights, summarize content, and get answers to queries using natural language.

- Utilized **UnstructuredURLLoader** to fetch and process article content from URLs provided by users.
- Integrated **ChatGPT** via the **OpenAI API** to generate summaries and answer queries based on the article's content.
- Built a **Flask-based interface** allowing users to input article URLs and ask questions related to the content.
- Designed the system to return relevant insights, summaries, and detailed responses based on user queries.

#### Rock Paper Scissors | JavaScript

- Developed a dynamic, interactive single-page application (SPA) for a Rock-Paper-Scissors game.
- Integrated dynamic game logic using JavaScript to handle game rules and results.
- Implemented a user-friendly interface with responsive design, allowing seamless interaction across different devices.

### CERTIFICATIONS

- C++ by Udemy
- Machine learning by Skolar
- Cloud Computing Fundamentals by Google
- SQL by Stanford Online
- Python by Udemy

### EXTRA CURRICULAR ACTIVITIES

- **Acunetix 11.0**:-Technical Associate
- **Parakram** :- Football Team
- **Skolar**:-Student Ambassador

## PERSONAL INTRESTS/HOBBIES

- Reading Books
- Travelling
- Football

## PERSONAL DETAILS

**Gender:** Male

**Date of Birth:** 29-April-2004

**Known Languages:** English , Marathi , Hindi

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