

# Sahil Karn

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## EDUCATION

### College

B.tech (Bharati Vidyapeeth 's college of engineering)

June 2025

Current GPA: 7.5/10.0

### New Krishna Public School

June 2021

X class: 90.6

XII class: 80.6

## Awards

- First prize in Ideathon in BVEST'2023 |
- Won third Position in Sports Meet 2022 in Yoga |

## SKILLS

**Hard Skill:** C/C++, Python, Java, JavaScript/Node js, HTML/CSS, mongodb

**Soft Skill:** Problem-Solving Adaptability Communication Collaboration Time Management Focus Learning

**Tools:** Git/GitHub, VS Code, python

## PROJECTS

### DSA /C++, VS Code

August.2023

- Data Structures Proficiency: Demonstrated proficiency in implementing linked lists for efficient task management in a to-do list application.
- Robust Input Handling: Implemented robust input validation techniques using `cin.fail()`, `cin.clear()`, and `cin.ignore()` to gracefully handle non-integer inputs for task priorities and menu choices.
- Object-Oriented Design: Utilized object-oriented programming principles to encapsulate task data and operations within a class (ToDoList) and defined a structured data type (Task), enhancing code organization and maintainability.

### Virtual AI Assistant / python

March.2024

- Voice Integration\*\*: Implemented voice recognition and synthesis functionalities using Python libraries like `speech_recognition` and `pyttsx3`, enabling the assistant to understand user commands and respond audibly.
- Web Automation: Utilized web scraping and automation tools such as `wikipedia` and `pywhatkit` to retrieve information from online sources, perform web searches, and automate tasks like sending messages or playing YouTube videos.
- Computer Vision: Integrated computer vision capabilities using `cv2` (OpenCV) library, allowing the assistant to interact with users through webcam access, demonstrating features like opening and closing camera feed upon user command.
- These points succinctly showcase your expertise in voice integration, web automation, and computer vision within the context of your AI assistant project.

### Spotify Clone website /html, css, javascript ,nodejs ,reactjs,mongodb

June 2024

- Admin page
- User interface
- Full stack project

## EXPERIENCE

### Nddeo Info Solutions/ Intern POSITION

2024– Present

Work with Experience full Stack developer | Overseeing their daily activities | Setting objectives | Project exposure like Instapay

### GOOGLE DEVELOPER STUDENT CLUBS / HEAD POSITION

2022 – 2024

Led a team of 17 members | overseeing their daily activities | setting objectives | ensuring alignment with organizational goals

### NATIONAL CADET CORPS / CADET

2022 – Present

Leadership Development | Discipline and Time Management | Character Development and Civic Engagement