

BATHINENI VISHWASAI

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PROFESSIONAL SUMMARY

Passionate and self taught Web Developer & Computer Science Engineering student with core knowledge in front-end technologies. Skilled in creating responsive, user-friendly websites and in real world tech projects with AI and IOT. Proficient in HTML, CSS, JavaScript, Java and Python. Pro-actively creating channels to guide students to prepare for technical interviews.

PROJECTS

CareerPrepHub – Student Career Preparation Website

2025 may-present

Building a website to assist students in preparing for technical interviews and placements.

This site includes:

- **Programming Language Learning** : Gives YouTube video links and PDF notes for language like Python, Java, C++ and JavaScript.
- **Mock Interviews with AI** : An AI to give students the experience of a real interview Technical and HR questions.
- **Quizzes** : Includes a curated set of quizzes covering computer fundamentals and aptitude, designed to help students effectively prepare for college placement rounds.
- **Previous Interview Questions** : Features a collection of commonly asked DSA and programming questions gathered from real past interviews to boost readiness.

Technologies Used : HTML, CSS, JavaScript, OpenAI API, YouTube Embed API

Obstacle Avoiding Robot using Arduino Uno

2025 jan - 2025 may

- Developed an autonomous robot that detects and avoids obstacles using ultrasonic sensors.
- Programmed real-time navigation logic in C++ via Arduino IDE.
- Integrated HC-SR04 sensor for distance measurement and obstacle detection.
- Controlled movement using L298N motor driver and dual DC motors.
- Demonstrated smart indoor navigation through continuous environment scanning.

Technology Used : Arduino Uno, Ultrasonic Sensor (HC-SR04), L298N Motor Driver, C++ (Arduino), DC Motors

EDUCATION

Sathyabama University

2023-present

- Bachelor of Engineering (B.E) in Computer Science and Engineering
- CGPA:7.14

High School

- 12th - CBSE | Shree Swaminarayan Gurukul | Percentage : 61%
- 10th – SSC | Montessori | Percentage : 99.3%

2021 - 2023

2021

TECHNICAL SKILLS

- **Web Development** : HTML/CSS, JavaScript, React.js, Node.js, Express.js, REST APIs
- **Languages** : Java, Python, SQL databases, JavaScript
- **Database and Frameworks** : MongoDB, MySQL, React.js , Node.js, Express.js, Bootstrap
- **Tools & Platforms** : VS Code, Git, GitHub, Chrome DevTools

CERTIFICATIONS / ACHIEVEMENTS

- **Java Programming – NPTEL (2024)**

Government of India Certified Course and Conducted by IITs under SWAYAM/NPTEL