Hello, I'm Kartiki. Welcome to my profile page. To begin with my introduction, I would like to say that, I am a passionate developer immersed in the world of software development, specializing in both frontend and backend development. In my journey as a developer, I've had the privilege of working on a diverse range of projects, from building responsive and user-friendly interfaces, to architecting robust and scalable backend systems. I'm genuinely excited about the opportunity to collaborate with passionate teams, and contribute my skills to meaningful projects that make a real impact. Thank you for considering my candidacy, and I look forward to the opportunity to discuss how I can bring value to your team.

*// Function to initialize SpeechSynthesisUtterance with a specific voice*

function speakText(text) {

    const utterance = new SpeechSynthesisUtterance();

    utterance.text = text;

*// Get available voices*

    const voices = window.speechSynthesis.getVoices();

        utterance.voice = voices[2]; *// Index 1 corresponds to the second voice*

    window.speechSynthesis.speak(utterance);

}

*// Variable to store the question prompt*

let questionPrompt = "Do you have any questions?";

*// Function to introduce the assistant and ask for questions*

function introduceAndAsk() {

    const intro = "Hello, I'm Kartiki. How can I assist you today?";

    speakText(intro);

*// Wait for 2 seconds after the introduction*

    setTimeout(function() {

        speakText(questionPrompt);

    }, 2000);

}

*// Function to handle user's question*

function handleQuestion(question) {

    let answer;

*// Convert the question to lowercase for case-insensitive matching*

    question = question.toLowerCase();

*// Check for keywords in the question to determine the appropriate response*

    if (question.includes('name')) {

        answer = "My name is Kartiki.";

    } else if (question.includes('how are you')) {

        answer = "I'm doing well, thank you.";

    } else if (question.includes('time')) {

        answer = "It's currently " + new Date().toLocaleTimeString([], {hour: '2-digit', minute:'2-digit'});

    } else if (question.includes('introduce')) {

        answer = "Hello, I'm Kartiki. Welcome to my profile page. To begin with my introduction, I would like to say that, I am a passionate developer immersed in the world of software development, specializing in both frontend and backend development. In my journey as a developer, I've had the privilege of working on a diverse range of projects, from building responsive and user-friendly interfaces, to architecting robust and scalable backend systems. I'm genuinely excited about the opportunity to collaborate with passionate teams, and contribute my skills to meaningful projects that make a real impact. Thank you for considering my candidacy, and I look forward to the opportunity to discuss how I can bring value to your team.";

    } else {

        answer = "I'm sorry, I cannot answer that question.";

    }

    speakText(answer);

*// Ask if the user has any more questions after providing the answer*

    setTimeout(function() {

        speakText(questionPrompt);

*// Start speech recognition after asking the question*

        setTimeout(startSpeechRecognition, 7000); *// Wait for 2 seconds after asking the question*

    }, 7000);

}

*// Function to handle speech recognition*

function startSpeechRecognition() {

    const recognition = new webkitSpeechRecognition();

    recognition.continuous = false;

    recognition.interimResults = false;

    recognition.lang = 'en-US';

    recognition.onresult = function(event) {

        let result = '';

        for (let i = event.resultIndex; i < event.results.length; ++i) {

            result += event.results[i][0].transcript;

        }

        result = result.trim(); *// Trim to remove leading/trailing spaces*

        console.log('Recognized:', result);

        handleQuestion(result);

    };

    recognition.onerror = function(event) {

        console.error('Speech recognition error:', event.error);

    };

    recognition.start();

}

*// Event listener for button click*

document.getElementById('speakButton').addEventListener('click', function() {

    introduceAndAsk();

    setTimeout(startSpeechRecognition, 7000); *// Wait for 7 seconds after the introduction to allow time for the user to respond*

});

setTimeout(function() {

        speakText(questionPrompt);

    }, 2000);