

# FinanceAI Chatbot Code

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>FinanceAI Chatbot</title>

  <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap"
rel="stylesheet">

  <style>

    body {

      font-family: 'Roboto', sans-serif;

      background-color: #f9f9f9;

    }


    .chat-container {

      position: fixed;

      bottom: 10px;

      right: 20px;

      width: 300px;

      height: 400px;

      background-color: #2D82B7;

      border-radius: 10px;

      display: flex;

      flex-direction: column;
```

```
    box-shadow: 0 4px 10px rgba(0, 0, 0, 0.2);  
}
```

```
.chat-header {  
  
    background-color: #1A5C8D;  
  
    color: white;  
  
    padding: 15px;  
  
    text-align: center;  
  
    border-radius: 10px 10px 0 0;  
}
```

```
.chat-box {  
  
    flex: 1;  
  
    padding: 10px;  
  
    overflow-y: auto;  
  
    background-color: white;  
  
    border-radius: 0 0 10px 10px;  
}
```

```
.chat-input {  
  
    padding: 10px;  
  
    border-top: 1px solid #ddd;  
  
    display: flex;  
}
```

```
.chat-input input {  
  
    flex: 1;
```

```
padding: 10px;

border: none;

border-radius: 5px;

font-size: 16px;

outline: none;
}
```

```
.chat-input button {

padding: 10px;

background-color: #2D82B7;

color: white;

border: none;

border-radius: 5px;

cursor: pointer;

margin-left: 10px;
}
```

```
.chat-input button:hover {

background-color: #1A5C8D;
}
```

```
.message {

padding: 10px;

margin-bottom: 10px;

border-radius: 10px;

background-color: #f1f1f1;

max-width: 80%;
}
```

```
margin-left: auto;

margin-right: auto;

}
```

```
.bot-message {

background-color: #e0f7fa;

text-align: left;

}
```

```
.user-message {

background-color: #c8e6c9;

text-align: right;

}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="chat-container">
```

```
<div class="chat-header">
```

```
<h3>FinanceAI Chatbot</h3>
```

```
</div>
```

```
<div class="chat-box" id="chat-box">
```

```
<div class="message bot-message">Hi! How can I assist you with your finances
today?</div>
```

```
</div>
```

```
<div class="chat-input">
```

```

    <input type="text" id="user-input" placeholder="Type a message...">

    <button onclick="sendMessage()">Send</button>

</div>

</div>

<script>

function sendMessage() {

    var userInput = document.getElementById("user-input").value;

    if (userInput.trim() != "") {

        var userMessage = document.createElement("div");

        userMessage.classList.add("message", "user-message");

        userMessage.textContent = userInput;

        document.getElementById("chat-box").appendChild(userMessage);

        document.getElementById("user-input").value = "";

        setTimeout(function() {

            var botResponse = generateBotResponse(userInput);

            var botMessage = document.createElement("div");

            botMessage.classList.add("message", "bot-message");

            botMessage.textContent = botResponse;

            document.getElementById("chat-box").appendChild(botMessage);

            document.getElementById("chat-box").scrollTop =

document.getElementById("chat-box").scrollHeight;

            }, 1000);

        }

    }
}

```

```
function generateBotResponse(input) {  
  
    var response = "I'm here to help you manage your money!";  
  
    if (input.includes("budget")) {  
  
        response = "I can help you set a personalized budget! Let's start by tracking your  
expenses.";   
  
    } else if (input.includes("save")) {  
  
        response = "Great choice! Let's work on your saving goals.";   
  
    } else if (input.includes("invest")) {  
  
        response = "I can suggest investment opportunities based on your risk tolerance.";   
  
    }  
  
    return response;  
  
}  
  
</script>  
  
</body>  
  
</html>
```