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Subject: Prompt Engineering

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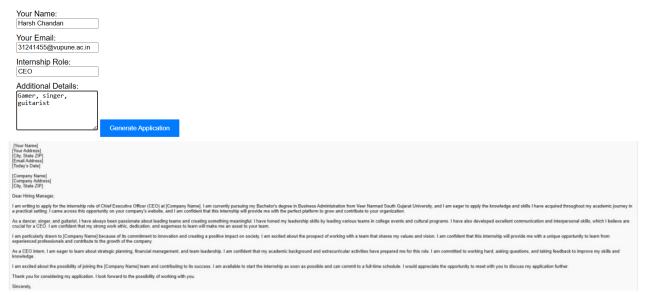
Smart Internship Letter Creator

Internship Application Generator



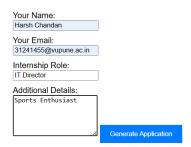
First input :-

Internship Application Generator



Second input:-

Internship Application Generator



[Your Name] [Your Address] [City, State ZIP] [Today's Date]

> Company's Name] Company's Address City, State ZIP]

Dear Hiring Manager,

I am writing to express my interest in the Assistant Manager Internship position at [Company's Name], as advertised on your website. I am a final year student at Vidyavardhini's College of Engineering and Technology, pursuing a Bachelor of Engineering in Electronics and Telecommunication. I am confident that my skills, work ethic, and passion for [industry] make me an ideal candidate for this position. I am excited to contribute my abilities to help [Company's Name] achieve its goals while gaining valuable professional experience.

As a Chess player, I have developed and honed various skills, such as strategic thinking, problem-solving, and decision-making, which I believe would be highly beneficial in an Assistant Manager role. My academic background and extracurricular activities have equipped me with strong communication, leadership, and time management skills. I am confident that these skills, combined with my enthusiasm for learning, would enable me to excell in this role and contribute positively to your team.

During my academic career. I have held various leadership positions, such as the Class Representative, and have been actively involved in club activities and events. I have successfully led teams, coordinated events, and managed resources, which I believe is a testament to my ability to effectively manage and lead teams in a professional setting, I am excited to apply these skills and experiences in a practical setting at [Company's Name].

I am particularly drawn to [Company's Name] because of its commitment to innovation, excellence, and sustainability in [industry]. I am eager to contribute my skills and learn from a talented and experienced team that values growth, collaboration, and creativity. I am confident that this internship would provide me with a unique opportunity to gain hands-on experience in [industry] and enhance my professional skills.

I am available to begin the internship as soon as possible and am flexible to work part-time or full-time, based on the company's requirements. I am eager to bring my energy, ideas, and dedication to this role and contribute to the success and growth of [Company's Name].

Thank you for considering my application. I am excited about the opportunity to contribute to [Company's Name] and look forward to the possibility of discussing my application further. I have attached my resume for your review and can be reached via email at [your email address] or by phone at [your phone number].

CODE USED:-

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8"/>
<meta name="viewport" content="width=device-width, initial-scale=1.0"/>
<title>Internship Application Generator</title>
 <style>
  body { font-family: Arial, sans-serif; margin: 20px; }
 form { margin-bottom: 20px; }
  label { display: block; margin-top: 10px; }
  button {
   margin-top: 20px; padding: 10px 20px;
   background-color: #007BFF; color: white; border: none; cursor: pointer;
  }
  button:hover{background-color:#0056b3;}
  #result {
   margin-top: 20px; padding: 10px; border: 1px solid #ccc;
   white-space: pre-wrap; background: #f9f9f9;
 }
</style>
```

```
</head>
<body>
<h1>Internship Application Generator</h1>
 <form id="applicationForm">
  <label for="name">Your Name:</label>
  <input type="text" id="name" required>
  <label for="email">Your Email:</label>
  <input type="email" id="email" required>
  <label for="internshipRole">Internship Role:</label>
  <input type="text" id="internshipRole" required>
  <label for="additionalDetails">Additional Details:</label>
  <textarea id="additionalDetails" rows="5" required></textarea>
  <button type="submit">Generate Application</button>
 </form>
 <div id="result"></div>
<script>
  const API_KEY = 'sk-or-v1-
4ff8ad6660f70340a9d6248041a231b671e8e9c5c47770e934685ea93fa88161'; // Replace with your
actual API key
  const API_URL = 'https://openrouter.ai/api/v1/chat/completions';
  document.getElementById('applicationForm').addEventListener('submit', async (event) => {
   event.preventDefault();
   const name = document.getElementById('name').value;
   const email = document.getElementById('email').value;
```

```
const internshipRole = document.getElementById('internshipRole').value;
const additionalDetails = document.getElementById('additionalDetails').value;
```

const prompt = `Write a professional internship application letter for the role of \${internshipRole}. Include the following details:\n\nName: \${name}\nEmail: \${email}\nAdditional Details: \${additionalDetails}`;

```
const requestBody = {
 model: "mistralai/mixtral-8x7b-instruct",
 messages: [
  { role: "user", content: prompt }
 ],
 temperature: 0.7,
 max_tokens: 1024,
 top_p: 1,
 frequency_penalty: 0,
 presence_penalty: 0
};
try {
 const response = await fetch(API_URL, {
  method: 'POST',
  headers: {
   'Content-Type': 'application/json',
   'Authorization':`Bearer ${API_KEY}`
  },
  body: JSON.stringify(requestBody)
 });
 if (!response.ok) {
  throw new Error(`API error: ${response.status}`);
 }
```

```
const data = await response.json();
const resultText = data.choices?.[0]?.message?.content | | 'No response generated.';
document.getElementById('result').textContent = resultText;
} catch (error) {
    console.error('Error:', error);
    document.getElementById('result').textContent = 'Failed to generate application. Please try again.';
}
});
</script>
</body>
</html>
```

PROMPTS USED:-

- 1) give me a code to make a internship email writing website integrating api features.
- 2) make it dynamic where it can generate based on the custom additional details
- 3) optimize for server

Report by, Harsh Chandan, Thank You.