

# KAFKA SETUP

First Command

```
docker pull apache/kafka:4.1.0
```

Second Command

```
docker run -d --name kafka ^
-p 9092:9092 ^
-e KAFKA_NODE_ID=1 ^
-e KAFKA_PROCESS_ROLES=broker,controller ^
-e KAFKA_LISTENER_SECURITY_PROTOCOL_MAP=PLAINTEXT:PLAINTEXT,CONTROLLER:PLAINTEXT ^
-e KAFKA_LISTENERS=PLAINTEXT://:9092,CONTROLLER://:9093 ^
-e KAFKA_ADVERTISED_LISTENERS=PLAINTEXT://localhost:9092 ^
-e KAFKA_CONTROLLER_LISTENER_NAMES=CONTROLLER ^
-e KAFKA_CONTROLLER_QUORUM_VOTERS=1@localhost:9093 ^
-e KAFKA_OFFSETS_TOPIC_REPLICATION_FACTOR=1 ^
-e KAFKA_GROUP_INITIAL_REBALANCE_DELAY_MS=0 ^
apache/kafka:4.1.0
```

## Forgot Password template

```
export const forgotPasswordTemplate = (resetLink: string) => {
  return `

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Reset Your Password</title>
  <style>
    body {
      margin: 0;
      padding: 0;
      font-family: Arial, sans-serif;
      background-color: #f4f4f4;
    }
    .email-wrapper {
      width: 100%;
      border-collapse: collapse;
    }
    .email-container {
      width: 600px;
    }
  </style>
</head>
<body>
  <div class="email-wrapper">
    <div class="email-container">
      <h1>Reset Your Password</h1>
      <p>Click the link below to reset your password:</p>
      <a href="${resetLink}">${resetLink}</a>
      <p>If you did not request this, please ignore this email.</p>
    </div>
  </div>
</body>
</html>
`}
```

```
border-collapse: collapse;
background-color: #ffffff;
box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
border-radius: 8px;
overflow: hidden;
}
.header {
    background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
    padding: 40px 30px;
    text-align: center;
}
.header h1 {
    margin: 0;
    color: #ffffff;
    font-size: 28px;
    font-weight: 600;
}
.content {
    padding: 40px 30px;
}
.text {
    margin: 0 0 20px;
    color: #333333;
    font-size: 16px;
    line-height: 1.6;
}
.text-muted {
    margin: 0 0 20px;
    color: #666666;
    font-size: 14px;
    line-height: 1.6;
}
.button-wrapper {
    margin: 30px 0;
    text-align: center;
}
.button {
    display: inline-block;
    padding: 14px 40px;
    background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
    color: #ffffff;
    text-decoration: none;
    border-radius: 6px;
    font-weight: 600;
    font-size: 16px;
    box-shadow: 0 4px 6px rgba(102, 126, 234, 0.4);
}
.link-box {
    margin: 0 0 20px;
    padding: 15px;
    background-color: #f8f9fa;
    border-left: 4px solid #667eea;
    color: #667eea;
    font-size: 14px;
```

```

        word-break: break-all;
        border-radius: 4px;
    }
    .warning {
        margin: 20px 0;
        color: #666666;
        font-size: 14px;
        line-height: 1.6;
    }
    .footer {
        background-color: #f8f9fa;
        padding: 30px;
        text-align: center;
        border-top: 1px solid #e9ecef;
    }
    .footer-text {
        margin: 0 0 10px;
        color: #999999;
        font-size: 12px;
    }
    .footer-text:last-child {
        margin: 0;
    }

```

</style>

</head>

<body>

<table class="email-container" role="presentation"> <!-- Header --> <tr> <td class="header"> <h1>Reset Your Password</h1> </td> </tr> <!-- Content --> <tr> <td class="content"> <p>Hi there,</p> <p>We received a request to reset your password. Click the button below to create a new password:</p> </td> </tr> <!-- Button --> <tr> <td class="button-wrapping"> <div class="button-wrapper"> <a class="button" href="\${resetLink}">Reset Password</a> </div> </td> </tr> <!-- Muted Text --> <tr> <td class="text-muted"> <p>Or copy and paste this link into your browser:</p> </td> </tr> </table>	<h1>Reset Your Password</h1>	<p>Hi there,</p> <p>We received a request to reset your password. Click the button below to create a new password:</p>	<div class="button-wrapper"> <a class="button" href="\${resetLink}">Reset Password</a> </div>	<p>Or copy and paste this link into your browser:</p>
<h1>Reset Your Password</h1>				
<p>Hi there,</p> <p>We received a request to reset your password. Click the button below to create a new password:</p>				
<div class="button-wrapper"> <a class="button" href="\${resetLink}">Reset Password</a> </div>				
<p>Or copy and paste this link into your browser:</p>				

```

        <p class="link-box">${resetLink}</p>

        <p class="warning">
            <strong>⌚ This link will expire in 15 minutes</strong>
for security reasons.
        </p>

        <p class="text-muted">
            If you didn't request a password reset, please ignore this
email or contact support if you have concerns.
        </p>
    </td>
</tr>

<!-- Footer -->
<tr>
    <td class="footer">
        <p class="footer-text">
            © 2025 Job Portal. All rights reserved.
        </p>
        <p class="footer-text">
            This is an automated message, please do not reply.
        </p>
    </td>
</tr>
</table>
</td>
</tr>
</table>
</body>
</html>
`;
};

}

```

## Application Updation Mail

```

export const applicationStatusUpdateTemplate = (jobTitle: string) => {
    return `
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Application Status Update</title>
    <style>
        body {
            margin: 0;
            padding: 0;
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
        }
    </style>

```

```
.email-wrapper {  
    width: 100%;  
    border-collapse: collapse;  
}  
.email-container {  
    width: 600px;  
    border-collapse: collapse;  
    background-color: #ffffff;  
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);  
    border-radius: 8px;  
    overflow: hidden;  
}  
.header {  
    background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);  
    padding: 40px 30px;  
    text-align: center;  
}  
.header h1 {  
    margin: 0;  
    color: #ffffff;  
    font-size: 28px;  
    font-weight: 600;  
}  
.content {  
    padding: 40px 30px;  
}  
.text {  
    margin: 0 0 20px;  
    color: #333333;  
    font-size: 16px;  
    line-height: 1.6;  
}  
.text-muted {  
    margin: 0 0 20px;  
    color: #666666;  
    font-size: 14px;  
    line-height: 1.6;  
}  
.footer {  
    background-color: #f8f9fa;  
    padding: 30px;  
    text-align: center;  
    border-top: 1px solid #e9ecef;  
}  
.footer-text {  
    margin: 0 0 10px;  
    color: #999999;  
    font-size: 12px;  
}  
.footer-text:last-child {  
    margin: 0;  
}  
</style>  
</head>
```

```
<body>
  <table role="presentation" class="email-wrapper">
    <tr>
      <td align="center" style="padding: 40px 0;">
        <table role="presentation" class="email-container">
          <!-- Header -->
          <tr>
            <td class="header">
              <h1>Application Status Update</h1>
            </td>
          </tr>

          <!-- Content -->
          <tr>
            <td class="content">
              <p class="text">Hi there,</p>
              <p class="text">
                Your application for the position of
                <strong>${jobTitle}</strong> has been updated.
              </p>

              <p class="text-muted">
                You can check your application status at HireHeaven.
              </p>

              <p class="text-muted">
                Thank you for applying!
              </p>
            </td>
          </tr>

          <!-- Footer -->
          <tr>
            <td class="footer">
              <p class="footer-text">
                © 2025 HireHeaven. All rights reserved.
              </p>
              <p class="footer-text">
                This is an automated message, please do not reply.
              </p>
            </td>
          </tr>
        </table>
      </td>
    </tr>
  </table>
</body>
</html>
`;
};
```

## Carrier Guidance Prompt

```
const prompt = `Based on the following skills: ${skills}.

Please act as a career advisor and generate a career path suggestion.
Your entire response must be in a valid JSON format. Do not include any text or markdown
formatting outside of the JSON structure.

The JSON object should have the following structure:
{
  "summary": "A brief, encouraging summary of the user's skill set and their general job
  title.",
  "jobOptions": [
    {
      "title": "The name of the job role.",
      "responsibilities": "A description of what the user would do in this role.",
      "why": "An explanation of why this role is a good fit for their skills."
    }
  ],
  "skillsToLearn": [
    {
      "category": "A general category for skill improvement (e.g., 'Deepen Your Existing Stack
      Mastery', 'DevOps & Cloud').",
      "skills": [
        {
          "title": "The name of the skill to learn.",
          "why": "Why learning this skill is important.",
          "how": "Specific examples of how to learn or apply this skill."
        }
      ]
    }
  ],
  "learningApproach": {
    "title": "How to Approach Learning",
    "points": ["A bullet point list of actionable advice for learning."]
  }
}`;
```

## Resume Analyser Prompt

```
const prompt = `You are an expert ATS (Applicant Tracking System) analyzer. Analyze the following resume
and provide:
1. An ATS compatibility score (0-100)
2. Detailed suggestions to improve the resume for better ATS performance

Your entire response must be in valid JSON format. Do not include any text or markdown
formatting outside of the JSON structure.

The JSON object should have the following structure:
```

```
{
  "atsScore": 85,
  "scoreBreakdown": {
    "formatting": {
      "score": 90,
      "feedback": "Brief feedback on formatting"
    },
    "keywords": {
      "score": 80,
      "feedback": "Brief feedback on keyword usage"
    },
    "structure": {
      "score": 85,
      "feedback": "Brief feedback on resume structure"
    },
    "readability": {
      "score": 88,
      "feedback": "Brief feedback on readability"
    }
  },
  "suggestions": [
    {
      "category": "Category name (e.g., 'Formatting', 'Content', 'Keywords', 'Structure')",
      "issue": "Description of the issue found",
      "recommendation": "Specific actionable recommendation to fix it",
      "priority": "high/medium/low"
    }
  ],
  "strengths": [
    "List of things the resume does well for ATS"
  ],
  "summary": "A brief 2-3 sentence summary of the overall ATS performance"
}
```

Focus on:

- File format and structure compatibility
- Proper use of standard section headings
- Keyword optimization
- Formatting issues (tables, columns, graphics, special characters)
- Contact information placement
- Date formatting
- Use of action verbs and quantifiable achievements
- Section organization and flow