

```
{
  "name": "Recruit-AI Resume Screening Workflow",
  "nodes": [
    {
      "parameters": {},
      "id": "1",
      "name": "Resume Intake (Trigger)",
      "type": "n8n-nodes-base.manualTrigger",
      "typeVersion": 1,
      "position": [200, 300]
    },
    {
      "parameters": {
        "functionCode": "return [{ jd: $json.jd || \"\", resume: $json.resume || \"\" }];"
      },
      "id": "2",
      "name": "Parse Resume",
      "type": "n8n-nodes-base.function",
      "typeVersion": 1,
      "position": [400, 300]
    },
    {
      "parameters": {
        "functionCode": "const resume = $json.resume.toLowerCase();\nconst skills = [\"python\", \"machine learning\", \"nlp\", \"deep learning\", \"sql\", \"aws\", \"llm\"];\nconst found = skills.filter(skill => resume.includes(skill));\nreturn [{ jd: $json.jd, resume: $json.resume, skills: found }];"
      },
      "id": "3",
      "name": "Extract Skills",
      "type": "n8n-nodes-base.function",
      "typeVersion": 1,
      "position": [600, 300]
    },
    {
      "parameters": {
        "functionCode": "const jd = $json.jd.toLowerCase();\nconst matches = $json.skills.map(skill => ({ skill, match: jd.includes(skill) }));\nreturn [{ jd: $json.jd, resume: $json.resume, matches }];"
      },
      "id": "4",
      "name": "Match with Job Description",
      "type": "n8n-nodes-base.function",
      "typeVersion": 1,
      "position": [800, 300]
    },
    {
      "parameters": {
        "functionCode": "const matches = $json.matches;\nconst total = matches.length || 1;\nconst matched = matches.filter(m => m.match).length;\nconst score = Math.round((matched / total) * 100);"
      }
    }
  ]
}
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\nreturn [{ jd: $json.jd, resume: $json.resume, matches, score }];
},
{
  "id": "5",
  "name": "Compute Match Score",
  "type": "n8n-nodes-base.function",
  "typeVersion": 1,
  "position": [1000, 300]
},
{
  "parameters": {
    "functionCode": "const summary = `Candidate Match Score: ${$json.score}/100.\nMatched Skills: ${$json.matches.filter(m => m.match).map(m => m.skill).join(", ")}.Recommendation: ${$json.score >= 75 ? \"Interview\" : ($json.score >= 50 ? \"Consider\" : \"Reject\")}`;\nreturn [{ ...$json, summary }];"
  },
  "id": "6",
  "name": "Generate Summary",
  "type": "n8n-nodes-base.function",
  "typeVersion": 1,
  "position": [1200, 300]
},
{
  "parameters": {
    "functionCode": "return [{ ...$json, recruiterDecision: \"pending\" }];"
  },
  "id": "7",
  "name": "Recruiter Review (Human-in-the-Loop)",
  "type": "n8n-nodes-base.function",
  "typeVersion": 1,
  "position": [1400, 300]
},
{
  "parameters": {
    "conditions": {
      "string": [
        {
          "value1": "{$json.recruiterDecision}",
          "operation": "equal",
          "value2": "approve"
        }
      ]
    }
  },
  "id": "8",
  "name": "Approved?",
  "type": "n8n-nodes-base.if",
  "typeVersion": 1,
  "position": [1600, 300]
},
{
  "parameters": {
    "functionCode": "return [{ message: \"Candidate shortlisted"
  }
}

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and interview scheduling triggered." }];"
    },
    "id": "9",
    "name": "Schedule Interview (Optional)",
    "type": "n8n-nodes-base.function",
    "typeVersion": 1,
    "position": [1800, 200]
},
{
    "parameters": {
        "functionCode": "return [{ message: \"Candidate rejected after recruiter review.\" }];"
    },
    "id": "10",
    "name": "Reject Candidate",
    "type": "n8n-nodes-base.function",
    "typeVersion": 1,
    "position": [1800, 400]
}
],
"connections": {
    "Resume Intake (Trigger)": {
        "main": [
            [
                {
                    "node": "Parse Resume",
                    "type": "main",
                    "index": 0
                }
            ]
        ]
    },
    "Parse Resume": {
        "main": [
            [
                {
                    "node": "Extract Skills",
                    "type": "main",
                    "index": 0
                }
            ]
        ]
    },
    "Extract Skills": {
        "main": [
            [
                {
                    "node": "Match with Job Description",
                    "type": "main",
                    "index": 0
                }
            ]
        ]
    }
},
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```
"Match with Job Description": {
  "main": [
    [
      {
        "node": "Compute Match Score",
        "type": "main",
        "index": 0
      }
    ]
  ]
},
"Compute Match Score": {
  "main": [
    [
      [
        {
          "node": "Generate Summary",
          "type": "main",
          "index": 0
        }
      ]
    ]
  ]
},
"Generate Summary": {
  "main": [
    [
      [
        {
          "node": "Recruiter Review (Human-in-the-Loop)",
          "type": "main",
          "index": 0
        }
      ]
    ]
  ]
},
"Recruiter Review (Human-in-the-Loop)": {
  "main": [
    [
      [
        {
          "node": "Approved?",
          "type": "main",
          "index": 0
        }
      ]
    ]
  ]
},
"Approved?": {
  "main": [
    [
      [
        {
          "node": "Schedule Interview (Optional)",
          "type": "main",
          "index": 0
        }
      ]
    ]
  ]
},
```

```
{  
    "node": "Reject Candidate",  
    "type": "main",  
    "index": 0  
}  
]  
}  
}  
}
```