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{
  "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\"];const 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(\"\", \"\")}.\\nRecommendation: $
{$json.score >= 75 ? \"Interview\" : ($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
      }
    ]
  ],
  [

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