

The screenshot shows a Google Sheets interface with a custom sidebar menu. The sidebar contains icons and labels for various utility functions: Buscar Contrato, Resumo Situação, Filtrar por Data, Total Saldo Devedor, Média de Desconto, Destacar Altos Valores, Limpar Formatações, Exportar CSV, and Enviar Lembretes.

Below the sidebar, the main spreadsheet area shows two pages: Página1 and Página2. The Apps Script editor is also visible, displaying the code for the onOpen() function.

```

function onOpen() {
  const ui = SpreadsheetApp.getUi();
  ui.createMenu("🔧 Utilitários")
    .addItem("🔍 Buscar Contrato", "abrirSidebarBusca")
    .addItem("📊 Resumo Situação", "abrirSidebarResumo")
    .addItem("📅 Filtrar por Data", "abrirSidebarData")
    .addItem("👤 Filtrar por Responsável", "abrirSidebarResponsavel")
    .addItem("💰 Total Saldo Devedor", "mostrarSaldoTotal")
    .addItem("📈 Média de Desconto", "mostrarDescontoMedio")
    .addItem("📝 Destacar Altos Valores", "abrirSidebarDestacar")
    .addItem("🧹 Limpar Formatações", "limparFormatacoes")
    .addItem("📤 Exportar CSV", "exportarCSV")
    .addItem("✉️ Enviar Lembretes", "enviarEmails")
  ui.addUiListener(ui);
}

```

```

function onOpen() {

  const ui = SpreadsheetApp.getUi();

  ui.createMenu("🔧 Utilitários")

  .addItem("🔍 Buscar Contrato", "abrirSidebarBusca")

  .addItem("📊 Resumo Situação", "abrirSidebarResumo")

  .addItem("📅 Filtrar por Data", "abrirSidebarData")

  .addItem("👤 Filtrar por Responsável", "abrirSidebarResponsavel")

  .addItem("💰 Total Saldo Devedor", "mostrarSaldoTotal")

  .addItem("📈 Média de Desconto", "mostrarDescontoMedio")

  .addItem("📝 Destacar Altos Valores", "abrirSidebarDestacar")
}
```

```

.addItem("🧹 Limpar Formatações", "limparFormatacoes")
.addItem("📁 Exportar CSV", "exportarCSV")
.addItem("🔔 Enviar Lembretes", "enviarEmails")
.addToUi();
}

```

FUNÇÕES.GS

```

function abrirSidebarBusca() {
  const html = HtmlService.createHtmlOutputFromFile("Sidebar")
    .setTitle("🔍 Buscar Contrato");
  SpreadsheetApp.getUi().showSidebar(html);
}

function buscarContratoSidebar(contrato) {
  const sheet = SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Página1");
  const values = sheet.getRange("B2:B").getValues().flat();
  const index = values.indexOf(contrato);

  if (index !== -1) {
    sheet.setActiveRange(sheet.getRange(index + 2, 2));
    return "✅ Contrato encontrado na linha " + (index + 2);
  } else {
    return "❌ Contrato não encontrado!";
  }
}

function abrirSidebarResumo() {

```

```

const html = HtmlService.createHtmlOutputFromFile("Resumo")
  .setTitle("📊 Resumo Situação");
SpreadsheetApp.getUi().showSidebar(html);
}

function obterResumo() {
  const sheet = SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Página1");
  const situacoes = sheet.getRange("N2:N").getValues().flat().filter(s => s);
  const total = situacoes.length;
  const quitados = situacoes.filter(s => s === "QUITADO").length;
  return {
    total,
    quitados,
    abertos: total - quitados
  };
}

function abrirSidebarData() {
  const html = HtmlService.createHtmlOutputFromFile("FiltroData")
    .setTitle("📅 Filtrar por Data");
  SpreadsheetApp.getUi().showSidebar(html);
}

function filtrarPorData(data) {
  const sheet = SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Página1");
  const valores = sheet.getRange("A2:A").getValues().flat();
  const index = valores.findIndex(v => v && new Date(v).toLocaleDateString() === data);
}

```

```

if (index !== -1) {

    sheet.setActiveRange(sheet.getRange(index + 2, 1));

    return "📅 Data encontrada na linha " + (index + 2);

} else {

    return "⚠️ Nenhum contrato encontrado para esta data.";

}

}

function abrirSidebarResponsavel() {

    const html = HtmlService.createHtmlOutputFromFile("FiltroResponsavel")

        .setTitle("👤 Filtrar por Responsável");

    SpreadsheetApp.getUi().showSidebar(html);

}

function buscarPorResponsavel(nome) {

    const sheet = SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Página1");

    const valores = sheet.getRange("M2:M").getValues().flat();

    const index = valores.indexOf(nome);

    if (index !== -1) {

        sheet.setActiveRange(sheet.getRange(index + 2, 13));

        return "👤 Responsável encontrado na linha " + (index + 2);

    } else {

        return "⚠️ Nenhum contrato encontrado para este responsável.";

    }

}

function mostrarSaldoTotal() {

```

```
const sheet = SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Página1");

const valores = sheet.getRange("D2:D").getValues().flat().filter(v => v);

const total = valores.reduce((a, b) => a + Number(b.toString().replace(/\^d.-]/g, "")), 0);

SpreadsheetApp.getUi().alert("💰 Total do saldo devedor: R$ " + total.toLocaleString("pt-BR"));

}
```

```
function mostrarDescontoMedio() {

const sheet = SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Página1");

const valores = sheet.getRange("E2:E").getValues().flat().filter(v => v);

const media = valores.reduce((a, b) => a + Number(b.toString().replace(/\^d.-]/g, "")), 0) / valores.length;

SpreadsheetApp.getUi().alert("📝 Desconto médio: R$ " + media.toLocaleString("pt-BR"));

}
```

```
function abrirSidebarDestacar() {

const html = HtmlService.createHtmlOutputFromFile("Destacar")

.setTitle("📝 Destacar Altos Valores");

SpreadsheetApp.getUi().showSidebar(html);

}
```

```
function destacarAltosValores(limite) {

const sheet = SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Página1");

const valores = sheet.getRange("D2:D" + sheet.getLastRow()).getValues();

for (let i = 0; i < valores.length; i++) {

const num = Number(valores[i][0].toString().replace(/\^d.-]/g, ""));

if (num > limite) {
```

```

        sheet.getRange(i + 2, 1, 1, sheet.getLastColumn()).setBackground("#442222");

    }

}

return "📝 Valores acima de R$ " + limite + " foram destacados./";

}

function limparFormatacoes() {

    const sheet = SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Página1");

    sheet.getRange("A2:N" + sheet.getLastRow()).setBackground(null);

    SpreadsheetApp.getUi().alert("✏️ Todas as formatações foram removidas.");

}

function exportarCSV() {

    const sheet = SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Página1");

    const values = sheet.getDataRange().getValues();

    let csv = values.map(r => r.join(",")).join("\n");

    DriveApp.createFile("export_contratos.csv", csv);

    SpreadsheetApp.getUi().alert("📁 Arquivo exportado para o Google Drive!");

}

function enviarEmails() {

    const sheet = SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Página1");

    const dados = sheet.getRange("B2:M" + sheet.getLastRow()).getValues();

    dados.forEach(row => {

        if (row[11] !== "QUITADO") { // Coluna M: Situação

            let responsavel = row[11];

            let contrato = row[0];

```

```
        MailApp.sendEmail("email_do_responsavel@dominio.com",
        "⚠️ Contrato em aberto",
        "O contrato " + contrato + " ainda não foi quitado. Responsável: " + responsavel);
    }
});  
  
SpreadsheetApp.getUi().alert("🔔 Lembretes enviados!");
}
```

RESUMO.HTML

```
<!DOCTYPE html>
<html>
<head>
<base target="_top">
<style>
    body{font-family:'Segoe UI',Arial,sans-serif;background:#121212;color:#e0e0e0;margin:10px;}
    h3{color:#4CAF50;text-shadow:0 0 5px #4CAF50;}
    button{padding:10px;margin-top:10px;width:100%;border:2px solid #4CAF50;background:#1a1a1a;color:#e0e0e0;font-size:16px;border-radius:5px;cursor:pointer;font-weight:bold;text-shadow:0 0 5px #90EE90;}
    button:hover{border-color:#90EE90;background:#2a2a2a;}
    #resposta{margin-top:20px;padding:15px;background:#1a1a1a;border:1px solid #4CAF50;border-radius:5px;text-align:center;font-weight:bold;color:#90EE90;box-shadow:0 0 10px #4CAF50;}
</style>
</head>
<body>
```

```

<h3>📊 Resumo Situação</h3>
<button onclick="resumir()">Gerar Resumo</button>
<div id="resposta"></div>

<script>
  function resumir(){
    google.script.run.withSuccessHandler(dados=>{
      document.getElementById("resposta").innerHTML=
        `🔴 Total: ${dados.total}<br>✅ Quitados: ${dados.quitados}<br>⚠️ Em
        aberto: ${dados.abertos}`;
    }).obterResumo();
  }
</script>
</body>
</html>

```

SIDE BAR

```

<!DOCTYPE html>
<html>
  <head>
    <base target="_top">
    <style>
      body { font-family:'Segoe UI',Arial,sans-serif; background:#121212; color:#e0e0e0;
margin:10px;}
      h3 { color:#4CAF50; text-shadow:0 0 5px #4CAF50;}
      input,button{padding:10px;margin-top:10px;width:100%;border:2px solid
#4CAF50;background:#1a1a1a;color:#e0e0e0;font-size:16px;border-radius:5px;}
      input:focus,button:hover{border-color:#90EE90;background:#2a2a2a;}
    </style>
  </head>
  <body>
    <h3>Resumo Situação</h3>
    <button onclick="resumir()">Gerar Resumo</button>
    <div id="resposta"></div>
  </body>
</html>

```

```

        button{cursor:pointer;font-weight:bold;text-shadow:0 0 5px #90EE90;}

        #resposta{margin-top:20px;padding:15px;background:#1a1a1a;border:1px solid
#4CAF50;border-radius:5px;text-align:center;font-weight:bold;color:#90EE90;box-
shadow:0 0 10px #4CAF50;}

    </style>

</head>

<body>

    <h3>🔎 Buscar Contrato</h3>

    <input type="text" id="contrato" placeholder="Digite o número do contrato">

    <button onclick="buscar()">Buscar</button>

    <div id="resposta"></div>

    <script>

        function buscar() {

            const contrato=document.getElementById("contrato").value;
            google.script.run.withSuccessHandler(msg=>{

                document.getElementById("resposta").innerText=msg;
            }).buscarContratoSidebar(contrato);

        }
    </script>

</body>

</html>

```

FILTRODATA.

```

<!DOCTYPE html>

<html>

<head>

    <base target="_top">

```

```

<style>
    body{font-family:'Segoe UI',Arial,sans-serif;background:#121212;color:#e0e0e0;margin:10px;}
    h3{color:#4CAF50;text-shadow:0 0 5px #4CAF50;}
    input,button{padding:10px;margin-top:10px;width:100%;border:2px solid #4CAF50;background:#1a1a1a;color:#e0e0e0;font-size:16px;border-radius:5px;}
    input:focus,button:hover{border-color:#90EE90;background:#2a2a2a;}
    button{cursor:pointer;font-weight:bold;text-shadow:0 0 5px #90EE90;}
    #resposta{margin-top:20px;padding:15px;background:#1a1a1a;border:1px solid #4CAF50;border-radius:5px;text-align:center;font-weight:bold;color:#90EE90;box-shadow:0 0 10px #4CAF50;}
</style>
</head>
<body>
    <h3>📅 Filtrar por Data</h3>
    <input type="text" id="data" placeholder="Ex: 01/09/2025">
    <button onclick="filtrar()">Filtrar</button>
    <div id="resposta"></div>

    <script>
        function filtrar(){
            const data=document.getElementById("data").value;
            google.script.run.withSuccessHandler(msg=>{
                document.getElementById("resposta").innerText=msg;
            }).filtrarPorData(data);
        }
    </script>
</body>
</html>

```

FILTRORESPONSÁVEL

```
<!DOCTYPE html>

<html>

<head>
  <base target="_top">
  <style>
    body{font-family:'Segoe UI',Arial,sans-serif;background:#121212;color:#e0e0e0;margin:10px;}
    h3{color:#4CAF50;text-shadow:0 0 5px #4CAF50;}

    input,button{padding:10px;margin-top:10px;width:100%;border:2px solid #4CAF50;background:#1a1a1a;color:#e0e0e0;font-size:16px;border-radius:5px;}

    input:focus,button:hover{border-color:#90EE90;background:#2a2a2a;}

    button{cursor:pointer;font-weight:bold;text-shadow:0 0 5px #90EE90;}

    #resposta{margin-top:20px;padding:15px;background:#1a1a1a;border:1px solid #4CAF50;border-radius:5px;text-align:center;font-weight:bold;color:#90EE90;box-shadow:0 0 10px #4CAF50;}

  </style>
</head>
<body>

  <h3>👤 Filtrar por Responsável</h3>
  <input type="text" id="nome" placeholder="Digite o nome do responsável">
  <button onclick="buscar()">Buscar</button>
  <div id="resposta"></div>

<script>
  function buscar(){
    const nome=document.getElementById("nome").value;
    google.script.run.withSuccessHandler(msg=>{
      document.getElementById("resposta").innerText=msg;
    })
  }
</script>
```

```
}).buscarPorResponsavel(nome);

}

</script>

</body>

</html>
```

DESTACAR

```
<!DOCTYPE html>

<html>

<head>

<base target="_top">

<style>

    body{font-family:'Segoe UI',Arial,sans-serif;background:#121212;color:#e0e0e0;margin:10px;}

    h3{color:#4CAF50;text-shadow:0 0 5px #4CAF50;}

    input,button{padding:10px;margin-top:10px;width:100%;border:2px solid #4CAF50;background:#1a1a1a;color:#e0e0e0;font-size:16px;border-radius:5px;}

    input:focus,button:hover{border-color:#90EE90;background:#2a2a2a;}

    button{cursor:pointer;font-weight:bold;text-shadow:0 0 5px #90EE90;}

    #resposta{margin-top:20px;padding:15px;background:#1a1a1a;border:1px solid #4CAF50;border-radius:5px;text-align:center;font-weight:bold;color:#90EE90;box-shadow:0 0 10px #4CAF50;}

</style>

</head>

<body>

<h3>Destacar Altos Valores</h3>

<input type="number" id="limite" placeholder="Digite o valor limite (R$)">

<button onclick="destacar()">Destacar</button>

<div id="resposta"></div>
```

```
<script>

function destacar(){

const limite=Number(document.getElementById("limite").value);

google.script.run.withSuccessHandler(msg=>{

    document.getElementById("resposta").innerText=msg;

}).destacarAltosValores(limite);

}

</script>

</body>

</html>
```