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script.js

1 message

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```
async function fetchData() {
  const response = await fetch('https://toxyu2j8cc.execute-api.us-east-1.amazonaws.com/dev/data');
  return await response.json();
}

const chart = new ApexCharts(document.querySelector("#chart"), {
  chart: { type: 'line', height: 350 },
  series: [
    { name: 'Temperature (°C)', data: [] },
    { name: 'Humidity (%)', data: [] }
  ],
  xaxis: { type: 'datetime' },
  yaxis: [
    { title: { text: 'Temperature(°C)' } },
    { opposite: true, title: { text: 'Humidity (%)' } }
  ]
});
chart.render();

setInterval(async () => {
  const data = await fetchData();
  const statusEl = document.getElementById('status');

  const latest = data[0];
  const status = latest.temperature > 30 ? 'High Temperature Alert!' : 'Normal State';
  statusEl.className = latest.temperature > 30 ? 'status alert' : 'status normal';
  statusEl.innerHTML = `${status} Temperature: ${latest.temperature}°C, Humidity: ${latest.humidity}%`;

  chart.updateSeries([
    { data: data.map(d => [d.timestamp * 1000, d.temperature]) },
    { data: data.map(d => [d.timestamp * 1000, d.humidity]) }
  ]);
}, 10000);
```