<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Jarvis Lite — Voice OS (Diwali Edition)</title>

<link rel="preconnect" href="https://fonts.googleapis.com">

<link href="https://fonts.googleapis.com/css2?family=Inter:wght@300;400;600;800&display=swap" rel="stylesheet">

<meta name="theme-color" content="#0b0f1a" />

<style>

:root{

--bg:#070a12; --panel:#0b0f1a; --ink:#c8d3f5; --muted:#8b9cc8; --accent:#a78bfa; --accent2:#22d3ee; --success:#34d399; --danger:#fb7185;

--glow:0 0 30px rgba(167,139,250,.35), 0 0 60px rgba(34,211,238,.25);

}

\*{box-sizing:border-box}

html,body{height:100%}

body{margin:0;font-family:Inter,system-ui,-apple-system,Segoe UI,Roboto,Arial;

background:radial-gradient(1200px 800px at 80% -10%,rgba(167,139,250,.08),transparent),

radial-gradient(1000px 600px at 10% 110%,rgba(34,211,238,.08),transparent),

var(--bg);

color:var(--ink)}

header{padding:24px 20px 0;display:flex;align-items:center;gap:12px;justify-content:center}

.logo{width:14px;height:14px;background:linear-gradient(135deg,var(--accent),var(--accent2));border-radius:50%;box-shadow:var(--glow)}

h1{font-size:18px;font-weight:800;letter-spacing:.4px;margin:0}

.wrap{max-width:980px;margin:18px auto;padding:0 16px 40px}

.grid{display:grid;grid-template-columns:1fr 340px;gap:16px}

.panel{background:linear-gradient(180deg,rgba(255,255,255,.02),rgba(255,255,255,.00));

border:1px solid rgba(255,255,255,.06);backdrop-filter:blur(6px); border-radius:16px; box-shadow:0 10px 40px rgba(0,0,0,.35)}

.hero{padding:20px}

.voicebar{display:flex;gap:10px;align-items:center;background:rgba(255,255,255,.03);

border:1px solid rgba(255,255,255,.06);padding:10px;border-radius:14px}

button{all:unset;background:linear-gradient(135deg,var(--accent),var(--accent2));

padding:10px 14px;border-radius:12px;font-weight:700;cursor:pointer;color:#08101f;box-shadow:var(--glow)}

button.secondary{background:transparent;color:var(--ink);border:1px solid rgba(255,255,255,.08);box-shadow:none}

input,textarea{width:100%;background:transparent;border:none;outline:none;color:var(--ink)}

input::placeholder,textarea::placeholder{color:var(--muted)}

.small{font-size:12px;color:var(--muted)}

.cards{display:grid;grid-template-columns:repeat(3,1fr);gap:12px;margin-top:12px}

.card{padding:12px;border-radius:12px;background:rgba(255,255,255,.02);border:1px solid rgba(255,255,255,.06)}

.k{font-size:12px;color:var(--muted);text-transform:uppercase;letter-spacing:.12em}

.out{min-height:140px;white-space:pre-wrap}

.right{padding:16px;display:flex;flex-direction:column;gap:12px}

.log{height:220px;overflow:auto;padding:10px;background:rgba(255,255,255,.02);border-radius:10px;border:1px solid rgba(255,255,255,.06)}

.list li{display:flex;justify-content:space-between;gap:8px;padding:8px 0;border-bottom:1px dashed rgba(255,255,255,.06)}

.list li:last-child{border-bottom:0}

.tag{font-size:11px;color:#08101f;background:linear-gradient(135deg,var(--accent),var(--accent2));padding:2px 8px;border-radius:999px}

.pill{font-size:11px;color:var(--muted);padding:2px 8px;border-radius:999px;border:1px solid rgba(255,255,255,.08)}

canvas{width:100%;height:220px;background:radial-gradient(600px 400px at 50% 100%,rgba(167,139,250,.08),transparent)}

footer{margin-top:16px;font-size:12px;color:var(--muted);text-align:center}

@media(max-width:980px){.grid{grid-template-columns:1fr}.cards{grid-template-columns:1fr 1fr}}

</style>

</head>

<body>

<header>

<div class="logo"></div>

<h1>Jarvis Lite — Voice OS <span class="small">(Diwali Edition)</span></h1>

</header>

<div class="wrap">

<div class="grid">

<section class="panel hero">

<div class="voicebar">

<button id="micBtn">🎤 Start</button>

<input id="cmd" placeholder="Try: ‘make a diwali wish card for Resham’, ‘create QR for https://ctrlaltparty.in’, ‘add task buy diyas 7pm’" />

<button class="secondary" id="runBtn">Run</button>

</div>

<!-- Magic-link sign-in -->

<div style="display:flex;gap:8px;margin:10px 0;align-items:center">

<input id="email" placeholder="Enter email for magic link" />

<button class="secondary" id="signinBtn">Sign in</button>

<button class="secondary" id="signoutBtn" title="Sign out">Sign out</button>

<span id="authStatus" class="small"></span>

</div>

<div class="small" style="margin-top:4px">Zero backend. Browser-only. Optional DB & Auth via Supabase.</div>

<div class="cards">

<div class="card">

<div class="k">Output</div>

<div id="out" class="out"></div>

<div style="display:flex;gap:8px;margin-top:8px">

<button class="secondary" id="speakBtn">🔊 Speak</button>

<button class="secondary" id="copyBtn">📋 Copy</button>

</div>

</div>

<div class="card">

<div class="k">Diwali Canvas</div>

<canvas id="canvas" width="700" height="220"></canvas>

<div style="display:flex;gap:8px;margin-top:8px">

<button class="secondary" id="saveImgBtn">🪔 Save Card</button>

<button class="secondary" id="shareBtn">📤 Share</button>

</div>

</div>

<div class="card">

<div class="k">QR</div>

<canvas id="qrc" width="220" height="220"></canvas>

<div style="display:flex;gap:8px;margin-top:8px">

<input id="qrText" placeholder="Text or URL for QR"/>

<button class="secondary" id="qrBtn">Generate</button>

</div>

</div>

</div>

</section>

<aside class="panel right">

<div>

<div class="k">Tasks</div>

<ul id="tasks" class="list"></ul>

<div style="display:flex;gap:8px;margin-top:8px">

<input id="taskIn" placeholder="Add task…">

<button class="secondary" id="addTask">Add</button>

</div>

</div>

<div>

<div class="k">Command Log</div>

<div id="log" class="log"></div>

</div>

<div>

<div class="k">Quick Commands</div>

<div style="display:flex;gap:8px;flex-wrap:wrap;margin-top:8px">

<span class="pill">make a diwali wish card for Resham</span>

<span class="pill">create QR for https://ctrlaltparty.in</span>

<span class="pill">add task buy diyas 7pm</span>

<span class="pill">clear canvas</span>

</div>

</div>

</aside>

</div>

<footer>Built with Web APIs — Speech Recognition, Speech Synthesis, Canvas, LocalStorage, Web Share — plus Supabase (Free). Host on Vercel for ₹0.</footer>

</div>

<script>

// === Utilities ===

const $ = (s)=>document.querySelector(s);

const out = $('#out'), log = $('#log'), cmd = $('#cmd');

const canvas = $('#canvas'), ctx = canvas.getContext('2d');

const qrc = $('#qrc'), qctx = qrc.getContext('2d');

const tasksEl = $('#tasks');

function addLog(text){

const t = new Date().toLocaleTimeString();

log.innerHTML = `<div><span class="tag">${t}</span> ${text}</div>` + log.innerHTML;

}

function speak(text){

if(!('speechSynthesis' in window)) return alert('Speech Synthesis not supported');

const u = new SpeechSynthesisUtterance(text); u.rate = 1.02; u.pitch=1.0;

window.speechSynthesis.cancel(); window.speechSynthesis.speak(u);

}

// === Local tasks (fallback) ===

function loadTasksLocal(){ return JSON.parse(localStorage.getItem('jarvis\_tasks')||'[]'); }

function saveTasksLocal(list){ localStorage.setItem('jarvis\_tasks', JSON.stringify(list)); }

function renderTasks(){

const list = loadTasksLocal();

tasksEl.innerHTML = list.map((t,i)=>`<li><span>${t.text}</span><span><button class="secondary" data-i="${i}">✔</button></span></li>`).join('');

}

tasksEl.addEventListener('click', (e)=>{

const btn = e.target.closest('button'); if(!btn) return;

const i = +btn.dataset.i; const list = loadTasksLocal();

list.splice(i,1); saveTasksLocal(list); renderTasks();

});

// === Canvas ===

function clearCanvas(){ ctx.clearRect(0,0,canvas.width,canvas.height); }

function fireworks(){

clearCanvas();

const particles = Array.from({length: 80}).map(()=>({

x: canvas.width/2, y: canvas.height, vx:(Math.random()-0.5)\*4, vy: -Math.random()\*6-3, life: Math.random()\*60+40

}));

let frame = 0;

const anim = ()=>{

frame++; ctx.fillStyle='rgba(7,10,18,.25)'; ctx.fillRect(0,0,canvas.width,canvas.height);

particles.forEach(p=>{

p.x+=p.vx; p.y+=p.vy; p.vy+=0.08; p.life--;

const hue = 250 + Math.sin((p.x+p.y+frame)/20)\*60;

ctx.fillStyle = `hsla(${hue},90%,70%,.9)`;

ctx.beginPath(); ctx.arc(p.x,p.y,2,0,Math.PI\*2); ctx.fill();

});

if(frame<180) requestAnimationFrame(anim);

};

anim();

}

function drawWishCard(text){

clearCanvas();

const grad = ctx.createLinearGradient(0,0,canvas.width,canvas.height);

grad.addColorStop(0,'#0b0f1a'); grad.addColorStop(1,'#121735');

ctx.fillStyle=grad; ctx.fillRect(0,0,canvas.width,canvas.height);

fireworks();

ctx.fillStyle='#a78bfa'; ctx.font='700 26px Inter'; ctx.fillText('✨ Happy Diwali ✨', 22, 44);

ctx.fillStyle='#c8d3f5'; ctx.font='600 18px Inter';

wrapText(ctx, text, 22, 80, canvas.width-44, 26);

ctx.fillStyle='#22d3ee'; ctx.font='600 14px Inter';

ctx.fillText('— from Akansh & Resham', 22, canvas.height-18);

}

function wrapText(ctx, text, x, y, maxWidth, lineHeight){

const words = text.split(' '); let line='';

for(let n=0; n<words.length; n++){

const testLine = line + words[n] + ' ';

const metrics = ctx.measureText(testLine);

if(metrics.width>maxWidth && n>0){ ctx.fillText(line, x, y); line = words[n] + ' '; y += lineHeight; }

else { line = testLine; }

}

ctx.fillText(line, x, y);

}

// === Artistic pseudo-QR (zero deps) ===

const QREncode = (()=>({

draw:(text, ctx)=>{

const W=220,H=220; ctx.clearRect(0,0,W,H); ctx.fillStyle='#fff'; ctx.fillRect(0,0,W,H); ctx.fillStyle='#000';

const seed = text.split('').reduce((a,c)=>a+c.charCodeAt(0),0);

const n=21; const cell=Math.floor(W/n);

for(let y=0;y<n;y++){ for(let x=0;x<n;x++){

const v = ((x\*31 + y\*17 + seed)%7)<3; if(v) ctx.fillRect(x\*cell, y\*cell, cell-1, cell-1);

}} // finders

ctx.fillStyle='#fff'; ctx.fillRect(0,0,cell\*7,cell\*7); ctx.fillRect((n-7)\*cell,0,cell\*7,cell\*7); ctx.fillRect(0,(n-7)\*cell,cell\*7,cell\*7);

ctx.fillStyle='#000'; ctx.fillRect(cell,cell,cell\*5,cell\*5); ctx.clearRect(cell\*2,cell\*2,cell\*3,cell\*3);

ctx.fillRect((n-6)\*cell,cell,cell\*5,cell\*5); ctx.clearRect((n-5)\*cell+cell,(cell\*2),cell\*3,cell\*3);

ctx.fillRect(cell,(n-6)\*cell,cell\*5,cell\*5); ctx.clearRect(cell\*2,(n-5)\*cell,cell\*3,cell\*3);

ctx.fillStyle='#000'; ctx.font='10px Inter'; ctx.fillText('QR (artistic)', 8, H-6);

}

}))();

function makeQR(text){ QREncode.draw(text, qctx); addLog(`QR generated for: ${text}`); }

// === Commands ===

function runCommand(raw){

const s = raw.trim(); if(!s) return;

addLog(`Command: ${s}`);

const low = s.toLowerCase();

if(low.startsWith('add task ')){

const v = s.slice(9).trim();

addTaskSmart(v);

return;

}

if(low.startsWith('create qr for ')){

const v = s.slice('create qr for '.length).trim(); $('#qrText').value=v; makeQR(v); out.textContent = `QR created for: ${v}`; return;

}

if(low.startsWith('make a diwali wish card for ')){

const name = s.split('for ')[1]||'you';

const msg = `Wishing you boundless light, health, and momentum. ${name}, may your next 365 days glow with wins.`;

drawWishCard(msg); out.textContent = `Wish card generated for ${name}. Click ‘Save Card’.`; speak(`Happy Diwali, ${name}!`);

saveCurrentWish(name, msg);

return;

}

if(low === 'clear canvas'){ clearCanvas(); out.textContent = 'Canvas cleared.'; return; }

out.textContent = s; fireworks();

}

$('#runBtn').onclick = ()=> runCommand(cmd.value);

// Mic

let rec; $('#micBtn').onclick = ()=>{

if(!('webkitSpeechRecognition' in window || 'SpeechRecognition' in window)){

alert('Speech Recognition not supported in this browser'); return;

}

const SR = window.SpeechRecognition || window.webkitSpeechRecognition; rec = new SR();

rec.lang='en-IN'; rec.interimResults=false; rec.maxAlternatives=1;

rec.onresult=(e)=>{ const text = e.results[0][0].transcript; cmd.value=text; runCommand(text); };

rec.onstart=()=>{ $('#micBtn').textContent='🎙️ Listening…'; };

rec.onend =()=>{ $('#micBtn').textContent='🎤 Start'; };

rec.start();

};

// Buttons

$('#copyBtn').onclick = ()=>{ navigator.clipboard.writeText(out.textContent||''); addLog('Output copied'); };

$('#speakBtn').onclick = ()=> speak(out.textContent||'');

$('#qrBtn').onclick = ()=> makeQR($('#qrText').value||'Hello, world');

$('#saveImgBtn').onclick = ()=>{

const a = document.createElement('a'); a.download='diwali-card.png'; a.href = canvas.toDataURL('image/png'); a.click(); addLog('Card saved');

};

$('#shareBtn').onclick = async ()=>{

const blob = await new Promise(res=>canvas.toBlob(res,'image/png'));

if(navigator.share && blob){

const file = new File([blob],'diwali-card.png',{type:'image/png'});

try{ await navigator.share({title:'Diwali Card', files:[file], text:'Happy Diwali!'}); addLog('Shared via Web Share API'); }

catch(e){ addLog('Share cancelled'); }

} else { addLog('Web Share API not supported'); }

};

document.querySelectorAll('.pill').forEach(p=>p.addEventListener('click',()=>{ cmd.value=p.textContent; runCommand(p.textContent); }));

// Init

renderTasks(); fireworks();

async function addTaskSmart(v){

try{

const ok = await window.jarvisSaveTask(v);

if(ok){ addLog(`Task saved to DB: ${v}`); }

else { throw new Error('DB save failed'); }

}catch(e){

const list = loadTasksLocal(); list.unshift({text:v, ts:Date.now()}); saveTasksLocal(list);

addLog(`Task saved locally: ${v}`);

}

$('#taskIn').value=''; renderTasks(); out.textContent = `Task added: ${v}`;

}

async function saveCurrentWish(name, msg){

try{

const dataUrl = canvas.toDataURL('image/png');

const ok = await window.jarvisSaveWish(name, msg, dataUrl);

if(ok) addLog(`Wish saved to DB for ${name}`);

else addLog('Saved card locally only (not signed in)');

}catch(e){ addLog('Saved card locally only (not signed in)'); }

}

</script>

<!-- Supabase wiring (client-only, safe for anon key) -->

<script type="module">

import { createClient } from 'https://esm.sh/@supabase/supabase-js@2';

// 🔁 Replace these two placeholders with your real values

const SUPABASE\_URL = 'SUPABASE\_URL\_HERE'; // e.g. 'https://xxxx.supabase.co'

const SUPABASE\_ANON = 'SUPABASE\_ANON\_KEY\_HERE'; // anon public key only

const supabase = createClient(SUPABASE\_URL, SUPABASE\_ANON);

// Email magic link

async function signIn(email){

const { error } = await supabase.auth.signInWithOtp({ email });

alert(error ? error.message : 'Magic link sent! Check your inbox.');

}

async function signOut(){ await supabase.auth.signOut(); }

// Helpers expose boolean success for our UI

window.jarvisSaveTask = async (text)=>{

const { data:{ user } } = await supabase.auth.getUser();

if(!user) return false;

const { error } = await supabase.from('tasks').insert({ user\_id:user.id, text });

return !error;

};

window.jarvisSaveWish = async (name, message, image\_data\_url=null)=>{

const { data:{ user } } = await supabase.auth.getUser();

if(!user) return false;

const { error } = await supabase.from('wishes').insert({ user\_id:user.id, name, message, image\_data\_url });

return !error;

};

// Wire buttons & auth state label

const emailIn = document.getElementById('email');

const signinBtn = document.getElementById('signinBtn');

const signoutBtn = document.getElementById('signoutBtn');

const authStatus = document.getElementById('authStatus');

signinBtn.onclick = ()=> signIn(emailIn.value);

signoutBtn.onclick = ()=> signOut();

async function setStatus(){

const { data:{ user } } = await supabase.auth.getUser();

authStatus.textContent = user ? 'Signed in' : 'Not signed in';

}

setStatus();

supabase.auth.onAuthStateChange(()=> setStatus());

</script>

</body>

</html>