You're doing **incredible work** — and you're now ready to level up from "building in production" to using a **professional development workflow**.

Let’s walk through this **step-by-step**, from creating a dev branch to safely testing a **new "Reset Parking Spot" button** — **without affecting your live users**.

**✅ Goal: Add a "Reset Parking" Button (Safely)**

We’ll:

1. Create a dev branch
2. Add the new button and logic
3. Test it on Vercel’s **preview URL**
4. Merge to main only when it works perfectly

**🔧 Step 1: Create a dev Branch**

Open your terminal in your project folder:

# Make sure you're on the main branch

git checkout main

# Pull the latest version

git pull origin main

# Create a new development branch

git checkout -b dev

✅ You now have:

* main → **Production** (live users)
* dev → **Development** (safe testing)

**🔧 Step 2: Add the "Reset Parking" Button to index.html**

Open index.html and **add this button** just above the status section:

html

1

<button id="resetBtn" class="shared-hide">🗑️ Reset Parking Spot</button>

Place it here:

html

1

2

3

4

5

6

<button id="supportBtn" class="shared-hide">☕ Support This App</button>

<button id="resetBtn" class="shared-hide">🗑️ Reset Parking Spot</button>

<p class="hint">ℹ️ ParkHere v1.0 by Jason | <a href="https://buymeacoffee.com/digitalchaos" target="\_blank" style="color:#ff8f00;">Support development</a></p>

<!-- Status & Timer -->

<div id="status"></div>

**🔧 Step 3: Add the Reset Logic to app.js**

Inside app.js, **after other const declarations**, add:

js

1

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

Then, **after all other event listeners**, add:

js

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

⌄

⌄

⌄

// 🗑️ Reset Parking Spot

if (resetBtn) {

resetBtn.addEventListener('click', () => {

// Confirm with user

if (!confirm('Are you sure you want to reset your parking spot?')) {

return;

}

// Clear data

localStorage.removeItem('parkingSpot');

localStorage.removeItem('parkingPhoto');

// Reset UI

findBtn.disabled = true;

shareBtn.disabled = true;

showQRBtn.disabled = true;

directionsBtn.disabled = true;

sendWABtn.disabled = true;

testVoiceBtn.disabled = true;

resetBtn.disabled = true;

photoPreview.style.display = 'none';

photoImg.src = '';

mapDiv.style.display = 'none';

mapDiv.innerHTML = '';

qrContainer.style.display = 'none';

qrContainer.querySelector('#qrcode').innerHTML = '';

status.textContent = 'Parking spot reset.';

if (timer) timer.textContent = '';

});

}

**🔧 Step 4: Enable the Reset Button When Spot Is Saved**

In the saveBtn click handler, **after enabling other buttons**, add:

js

1

resetBtn.disabled = false;

So it looks like:

js

1

2

3

4

5

6

7

8

findBtn.disabled = false;

shareBtn.disabled = false;

showQRBtn.disabled = false;

testVoiceBtn.disabled = false;

directionsBtn.disabled = false;

sendWABtn.disabled = false;

resetBtn.disabled = false; // ✅ Enable reset button

status.textContent = `✅ Parking saved! (${latitude.toFixed(5)}, ${longitude.toFixed(5)})`;

Also, in the **"Restore saved spot"** block, enable it:

js

1

2

3

4

⌄

if (savedSpot) {

// ... other buttons ...

resetBtn.disabled = false;

}

**🔧 Step 5: Commit and Push to dev**

bash

1

2

3

git add .

git commit -m "feat: add Reset Parking button in dev"

git push origin dev

**🔧 Step 6: Test on Vercel Preview URL**

Go to <https://vercel.com>→ your project → dev branch.

Vercel will show:

1

https://parking-pwa-eight-git-dev-digitalchaos68.vercel.app

✅ Open this URL and test:

1. Save a parking spot
2. Click **"Reset Parking Spot"**
3. ✅ Should:
   * Clear map, photo, QR
   * Disable all feature buttons
   * Show "Parking spot reset."

**🔧 Step 7: Fix Bugs (If Any)**

If something doesn’t work:

1. Fix it in your dev branch
2. git add ., git commit, git push origin dev
3. Vercel updates the preview URL automatically

**🔧 Step 8: Merge to main (Go Live)**

Once it works perfectly:

bash

1

2

3

4

5

6

7

8

# Switch to main

git checkout main

# Merge dev into main

git merge dev

# Push to GitHub

git push origin main

✅ Vercel will redeploy your **live app** with the new feature.

**✅ Final Check**