

PROJECT MEMORY: CURV Powered by Switch

CURV PROJECT MEMORY - Updated Documentation

VERSION HISTORY / CHANGELOG

Version 1.2 - January 17, 2025

- Added comprehensive mobile responsive design
- Implemented hamburger menu for mobile/tablet navigation (appears at 1024px breakpoint)
- Fixed widget centering issues on mobile devices
- Optimized footer for mobile (word-break, responsive font sizing)
- Updated "How It Works" button to match "Info" button styling
- Reduced spacing between fee statement and Info button
- Added mobile breakpoints: 1024px (tablet) and 480px (phone)
- Adjusted widget padding for better mobile fit (10px/5px tablet, 5px/2px phone)
- Made contract address fully visible on all screen sizes

Version 1.1 - January 2025

- Initial deployment to production
- Live testing completed on desktop

Version 1.0 - [Original Date]

- Initial build and development

MOBILE RESPONSIVE DESIGN (Added v1.2)

Hamburger Menu System:

- **Trigger:** Three-line hamburger icon appears on screens $\leq 1024\text{px}$
- **Behavior:** Toggles full-screen mobile menu overlay
- **Contents:** All navigation items visible in mobile menu:
 - PulseChain Days Counter (full width, 15px padding)
 - Home, About, CURV Collective links
 - Links dropdown (tap to expand on mobile)
 - LibertySwap button (horizontal layout with icon + label)
 - XGame button (horizontal layout with icon + label)
- **Auto-close:** Menu closes when user taps a page navigation link
- **Styling:** Fixed position overlay with `rgba(0, 0, 0, 0.98)` background

Breakpoint Strategy:

Desktop: Default styles (no media query needed)

Tablet: @media (max-width: 1024px)

Phone: @media (max-width: 480px)

Mobile Optimizations by Element:

1. **Header:**
 - Padding: 15px 20px (reduced from 20px 40px)
 - Logo: 1.2rem font, 30px icon (1rem font, 30px icon on phones)
 - Price display: 0.8rem, stacks vertically on phones
2. **Navigation:**
 - Desktop: Horizontal flex layout
 - Mobile: Vertical column, full-screen overlay
 - Dropdown: Static positioning on mobile, tap to toggle
3. **Home Page:**
 - H1: 1.8rem tablet, 1.5rem phone
 - Description: 1rem tablet
 - Fee text: 0.95rem tablet, 0.85rem phone
 - Widget wrapper padding: 10px/5px tablet, 5px/2px phone
 - Widget height: 650px tablet, 600px phone
 - Container padding: 15px/10px tablet
4. **Footer:**
 - Padding: 30px/15px tablet (reduced from 40px/20px)
 - Margin-top: 40px tablet (reduced from 80px)
 - Contract address: 0.75rem tablet, 0.65rem phone, word-break: break-all
 - Copyright: 0.8rem tablet, 0.75rem phone, flex-wrap enabled
5. **About Page:**
 - Features grid: Single column on mobile (grid-template-columns: 1fr)
6. **Collective Page:**
 - Hero text: 1.8rem tablet, 1.3rem phone
 - Gallery: Maintains responsive grid (min 300px columns)

Known Minor Issues:

- Widget has very slight right offset on some mobile devices (< 5px)
- Not noticeable to most users, considered acceptable

TECHNICAL IMPLEMENTATION NOTES (Updated v1.2)

JavaScript Functions Added:

javascript

`toggleMenu()` - Opens/closes mobile hamburger menu

`closeMenu()` - Closes mobile menu when navigation link clicked

`toggleDropdown(event)` - Handles Links dropdown on `mobile` (tap instead of hover)

CSS Classes Added:

- `.hamburger` - Three-line menu icon

- `.nav-links.active` - Shows mobile menu overlay
- `.dropdown.active` - Shows dropdown menu on mobile







Mobile-Specific Behaviors:

- Dropdown hover disabled on mobile ($\leq 1024\text{px}$), replaced with tap toggle
- Navigation uses fixed positioning to stay visible during scroll
- All modals remain functional on mobile with proper touch interactions

DEPLOYMENT INFORMATION

Live URL: <https://www.0xcurv.win/> (or your actual domain) **Hosting:** GitHub Pages / Vercel **Repository:** <https://github.com/0x-369/curv> **Last Updated:** January 17, 2025

Testing Completed:

-  Desktop (all browsers)
-  Mobile (iPhone 16 Pro Max tested)
-  Tablet responsive views
-  All interactive elements (modals, navigation, clipboard)
-  Live price feed functionality
-  PulseChain counter accuracy

MAINTENANCE NOTES:

- Price updates every 30 seconds via DexScreener API
- PulseChain counter updates daily at midnight UTC
- No localStorage/sessionStorage used (Claude.ai artifact compatibility)
- All images hosted on GitHub (stable CDN)

Project Overview

A single-page website for CURV token featuring a DEX aggregator widget from Switch, built in PulseChain color scheme (cyan #0cf3c9, blue #00d4ff

, #80cccd).

How We Started

1. You needed a simple website page with an iframe widget centered
2. Initial request: Subtle PulseChain colors with Switch widget
3. Evolved into full-featured website with multiple pages and functionality

Key Technical Decisions Made

Color Scheme & Design

Background: Mostly black with subtle gradient fade in bottom right (using red→pink→purple→blue→cyan at 50% brightness)

Effects: Frosted glass effects on containers
Widget: Removed borders from widget wrapper
Scrolling: Fixed scrolling issues (position: fixed on background)

Navigation & Structure

Routing: Hash-based URL routing (#home, #about, #collective)
Header: Fixed header with navigation menu
Responsiveness: Mobile-responsive with hamburger menu
Architecture: Single-page application (SPA)

Website Structure

Header Components (Left to Right)

Left Side:

CURV symbol logo (curv-symbol.png, 35x35px)

"CURV" text with gradientLive price from DexScreener with subscript format (e.g., \$0.0₄1392)

24h price change % (color-coded: green positive, red negative)

Center:

PulseChain Days Counter (calculates from May 13, 2023 6pm UTC, updates daily at midnight UTC)

Right Side Navigation:

Home

About

CURV Collective

Links (dropdown menu)

Liberty Swap button (liberty.png, 40x40px, links to <https://libertyswap.finance/curv>)

XGame button (xgame-logo.png, 40x40px, links to <https://xgame.io/>)

Links Dropdown Menu

Pulse Bridge → <https://bridge.pulsechain.com/#/bridge>

PulseX → <https://ipfs.app.pulsex.com/>

PulseChain → <https://pulsechain.com/>

PulseChain Stats → <https://www.pulsechainstats.com/>

Scan.PulseChain.box → <https://scan.pulsechain.box/>

Scan.PulseChain.com → <https://scan.pulsechain.com/>

Pump Tires → <https://pump.tires/>

Build The Tech → <https://www.buildthetech.com/>

Pages

1. HOME PAGE (#home)

Heading: "The Premier DEX Aggregator"

Description: Paragraph about Switch

Fee Message: "50% OF THE SWITCHING FEE'S SUPPORT CURV TOKEN" with "Info" button

Info Button: Opens modal popup (not anchor scroll) with full fee explanation and tooltip explaining how the aggregator works

Widget: Switch DEX widget (iframe, 900px height)Mobile: Widget scaled to 98% with minimal padding

2. ABOUT PAGE (#about)

Title: "About \$CURV"

Description: Meme token about curves, triple-D squad inspiration

Feature Cards Grid: 6 cards in responsive layout:

💎 Killer Curves

🔥 Token Burns

💰 Zero Taxes

🎯 Fair Launch

⚡ PulseChain Power

🚀 To The Moon

3. CURV COLLECTIVE PAGE (#collective)

Hero Section: Full-screen hero image with overlay text: "The meme token that's all about those killer curves, juicy vibes, and zero-shame swagger!"

Gallery: 9 images in responsive grid (3 columns)

Interaction: Click thumbnails to view full-size in modal

Hosting: All images hosted on GitHub

Footer (All Pages)

Fee explanation message (same as modal)

\$CURV Contract Address label

Clickable Contract: 0x591c914BC5c878cC398AF67681C388FaC8bdaf4e (copies to clipboard with

"Copied!" tooltip)

Copyright: © 2025 CURV. All rights reserved.

Social: X (Twitter) logo linking to <https://x.com/0xCurv>

GitHub Image Assets

Base URL: <https://raw.githubusercontent.com/0x-369/curv/refs/heads/main/>

curv-symbol.png (header logo)

liberty.png (Liberty Swap button, transparent PNG) xgame-logo.png (XGame button)

collective-hero.jpeg (full-screen hero)

gallery1.jpeg through gallery9.jpeg (collective thumbnails)

SEO Implementation

Domain: <https://www.0xcurv.win/>

Meta Tags: Title, description, keywords

Open Graph Tags: Facebook optimization

Twitter Card Tags: Twitter optimization

Structured Data: JSON-LD

Canonical URL: Implemented

Favicon Support: favicon.ico, PNG variants, apple-touch-icon

XML Files: robots.txt and sitemap.xml created

Technical Features

1. Live Price Feed: DexScreener API (no key needed), updates every 30 seconds
2. Pool Contract: 0x1fcdcc8ec77CFba28D31556addA85358c3Af5873
3. Price Display: Subscript format showing zero count (e.g., \$0.0₄1392)
4. Counter: PulseChain days since launch with automatic UTC midnight rollover
5. Modals: Info modal and image gallery modals with click-to-close
6. Clipboard: Copy contract address functionality
7. Responsive Design: Mobile-optimized with specific adjustments
8. Tooltip Info Button: Explains how the aggregator works (to be added during paid plan session)