Cashfree payments — add-on for the Code Craft HTML + PHP shop templates

Take UPI, card, netbanking and wallet payments through **Cashfree Payments** (India), using the Cashfree PG API (version 2023-08-01) and Cashfree's JavaScript checkout. The order is marked *Paid* only when Cashfree reports it PAID for the right amount.

Product page: https://coodecraft.com/market/product/php-shop-cashfree-addon

Works with the 12 Code Craft shop templates (site core 1.1 / shop engine 1.0 or later). It does not work with WordPress or with the non-shop templates.

How it works

1. When the order is placed, the add-on creates a Cashfree order (`POST /pg/orders`) for the exact total with a fresh Cashfree order id, then opens Cashfree's checkout with the `payment_session_id`.
2. On the way back it **re-reads the order** from Cashfree (`GET /pg/orders/{order_id}`) and only accepts `order_status: PAID`, for that shop order's own Cashfree order.
3. The **webhook** is checked with `x-webhook-signature` = Base64(HMAC-SHA256(timestamp + body, secret key)), refused when older than 10 minutes, and the order is still re-read from Cashfree before it is marked paid.
4. The shop engine compares currency and amount with the order and never records the same payment twice.

Install

1. Upload the `cashfree` folder into your website's `addons/` folder (so you have `addons/cashfree/addon.php`).
2. Open **Admin** → **Add-ons**, switch on **Cashfree payments** and open its **Settings**.
3. Paste your add-on licence key (from your purchase email; not needed on localhost) and your Cashfree details (below).
4. Nothing to add by hand: the notify (webhook) URL is sent with every Cashfree order. It is shown on the settings screen in case you also want it in the Cashfree dashboard.
5. Open **Admin** → **Shop** → **Payments**: the method is listed there. Keep it ticked and set its position.
6. Place a test order with sandbox keys and Cashfree's test UPI ID / test cards before you switch to live keys.

Settings

Setting	Meaning
Add-on licence key	Your key for this add-on, checked with coodecraft.com like the website's own licence (always active on localhost). Until it is active the method is not offered.
Sandbox mode	On for test keys, off for production.
App ID / Secret key	Merchant Dashboard → Developers → API Keys. The secret also checks webhook signatures and is never shown again.
Name at checkout	What customers see in the list of payment methods.

How it was tested

Real PHP 8.3 (`php -S`) on copies of the Kora and Pustak shop templates, with every Cashfree API call answered by a local mock server (`config.php` → `api_base`), 47 checks per shop together with the other gateway add-ons: order created with the amount, INR and a 10-digit phone; the pay page loads the Cashfree JS SDK with the session id and never the secret; a return while Cashfree says ACTIVE → not paid; a return with another Cashfree order id → refused; a return after payment → order re-read as PAID → paid; a webhook with a tampered signature → 400; a signed webhook → order re-read → paid.

Limits and honest notes

- Tested only against **mocked** Cashfree responses and locally forged callbacks/webhooks. It was **not** tested with real money or the live Cashfree service. Try a test-mode payment yourself before going live.
- You need your own Cashfree account. Cashfree fees, payouts, refunds and disputes are handled in your Cashfree dashboard; refunds are not sent from the website (set the order to *Refunded* yourself after refunding).
- The amount charged is the order total in your base currency, or in the customer's currency if you chose that in **Shop settings** (at your rate).
- Offered at checkout only when the order is charged in INR. Customers need a 10-digit Indian mobile number.
- Cashfree's `cashfree.js` (v3) is loaded from sdk.cashfree.com and cannot be pinned with an integrity hash.

Files

- `addon.php`: the manifest (settings shown in Admin → Add-ons).
- `cashfree.php`: the code (payment method, return/callback and webhook endpoints).
- Details of the add-on contract: `cc/ADDONS.md` on your website.

The settings screen

Admin → Add-ons → cashfree, on a local copy of the Kora shop template:

