

■ Stripe Webhook Setup Guide (Windows)

■ Step 1: Download the Stripe CLI Installer

Go to the official download page: <https://stripe.com/docs/stripe-cli#install>
Or download directly from GitHub: <https://github.com/stripe/stripe-cli/releases/latest>
Look for the `.msi` file (e.g., `stripe_X.X.X_windows_x86_64.msi`) and install it.`

■■ Step 2: Add Stripe CLI to System PATH (If Needed)

If the CLI is not recognized after installation:

1. Press **Win + S** → Search "Environment Variables"
2. Click "Edit the system environment variables"
3. Go to Environment Variables → Under System Variables → Find Path → Click Edit
4. Click New and add the path where `stripe.exe` is installed (e.g., `C:\Program Files\Stripe\bin`)`
5. Click OK and restart your terminal (CMD or PowerShell)

■ Step 3: Verify Installation

Run the command: `stripe --version` You should see output like: stripe version 1.15.4``

■ Step 4: Login and Start Listening to Webhooks

1. Run `stripe login` and authenticate in your browser.`
2. Once logged in, start the webhook listener:
`stripe listen --forward-to localhost:3000/api/stripe/webhook``
You'll see something like:
Ready! Your webhook signing secret is `whsec_XXXXXXXXXXXXXXXXXXXXXXXXXXXX``
Copy this **whsec_...** value — it's your webhook secret key.

■ Step 5: Add Webhook Secret to Your .env File

Add the following line to your project's `.env` file:`
`STRIPE_WEBHOOK_SECRET=whsec_XXXXXXXXXXXXXXXXXXXXXXXXXXXX``

■ Step 6: Trigger a Test Event

To simulate a successful payment event, run:
`stripe trigger payment_intent.succeeded``
Check your server logs — you should see the event being received.

■ Example Webhook Route (Node.js / Express)

```
const express = require('express'); const Stripe = require('stripe'); const bodyParser =
require('body-parser'); require('dotenv').config(); const app = express(); const stripe =
Stripe(process.env.STRIPE_SECRET_KEY); const endpointSecret =
process.env.STRIPE_WEBHOOK_SECRET; app.post('/api/stripe/webhook', bodyParser.raw({
type: 'application/json' })), (req, res) => { const sig = req.headers['stripe-signature']; let event; try {
event = stripe.webhooks.constructEvent(req.body, sig, endpointSecret); } catch (err) {
```

```
console.error('■■ Webhook signature verification failed.', err.message); return  
res.status(400).send(`Webhook Error: ${err.message}`); } switch (event.type) { case  
'payment_intent.succeeded': console.log('■ Payment succeeded:', event.data.object); break;  
default: console.log(`Unhandled event type: ${event.type}`); } res.status(200).send('Received'); });  
app.listen(3000, () => console.log('■ Server listening on port 3000'));
```

■ Summary Table

Task	Command or Action
Install Stripe CLI	Download .msi from GitHub or Stripe Docs
Add to PATH	Add install folder to Windows system PATH
Verify Installation	stripe --version
Login	stripe login
Start Webhook Listener	stripe listen --forward-to localhost:3000/api/stripe/webhook