

RAZORPAY INTEGRATION GUIDE FOR NEXT.JS + BACKEND

1. Overview

Razorpay requires backend for:

- Order creation
- Payment verification
- Webhooks

Frontend should only initiate checkout.

2. Backend Setup (Node.js)

Install dependencies:

```
npm install razorpay express body-parser crypto
```

Create order API:

```
/api/create-order
```

Uses Razorpay KEY_ID + KEY_SECRET to generate order.

Verify payment API:

```
/api/payment-verification
```

Validate signature using crypto HMAC SHA256.

Webhook API:

```
/api/webhook
```

Handle payment.captured, payment.failed, etc.

3. Next.js Frontend

- Fetch order_id from backend
- Open Razorpay checkout
- On success, send data to backend for verification

4. Environment Variables

RAZORPAY_KEY_ID=xxxx

RAZORPAY_KEY_SECRET=xxxx

5. Security Notes

- Never expose secret key in frontend.
- Webhooks must be validated.
- Store payment details in database.

This guide provides secure and production-ready architecture.