

NODEMETA

Empowering the Decentralized Future on BNB Smart Chain

Payments / Commerce Backend Engineer (SmartCommerce)

Remote | Full-time | \$115,000 – \$152,000 USD/year

*Crypto payments are fast and irreversible. There's no chargeback, no undo button.
You'll build the systems that make sure every payment is validated, every order is fulfilled,
and every edge case is handled — because in payments, 'it mostly works' isn't good enough.*

About NodeMeta

NodeMeta is a Web3 ecosystem built on BNB Smart Chain, founded in August 2025 by Sohel Mazumder. We're not building another copy-paste DeFi fork — we're creating real products that connect blockchain utility to everyday use cases.

Our native token NTE (Node Meta Energy) is live on BNB Smart Chain with a capped supply of 11 billion tokens and a 10-year halving strategy. The mining and staking ecosystem is already operational, with users earning daily rewards through our decentralized node-based infrastructure.

We were recognized as the **Best Decentralized Ecosystem at the 2025 Evergreen Awards** — and now we're building the team to deliver on the next phase.

Founded	August 2025
Founder	Sohel Mazumder
Blockchain	BNB Smart Chain (BSC)
Token	NTE (Node Meta Energy) — BEP-20
Token Supply	11 billion NTE (capped), 10-year halving strategy
Team	Distributed / fully remote
Website	https://node-meta.com

What We're Building — Product & Development Status

NodeMeta is developing four interconnected products. Here's what's live, what's in active development, and where this role fits in:

1. Mining & Staking Ecosystem

Status: **LIVE ✓**

The foundation of NodeMeta. Users participate in a decentralized node-based mining system and earn daily NTE rewards. The staking smart contracts are deployed on BSC mainnet and operational.

Your involvement: Understand staking reward payouts as a reference for token flow patterns.

2. NFT Marketplace

Status: **IN ACTIVE DEVELOPMENT — architecture phase**

A decentralized marketplace for NFTs with real-world utility. NFTs on our platform unlock benefits, access, and rewards within the NodeMeta ecosystem. The marketplace will support minting, listing, bidding, trading, and on-chain staking with per-second reward accrual.

Your involvement: Process NFT purchase payments — validate on-chain payments and update listing status.

3. SmartCommerce

Status: **IN DEVELOPMENT — design phase**

A platform where users spend NTE tokens on real digital and physical goods — bridging blockchain and everyday commerce. SmartCommerce requires on-chain payment contracts, settlement logic, escrow mechanisms, and integration with off-chain fulfillment systems.

Your involvement: This is the core of your role. Build the entire payment pipeline for SmartCommerce — from receiving token payments on-chain, validating amounts with slippage tolerance, triggering fulfillment for physical and digital goods, handling refunds, and ensuring no payment is processed twice.

4. GreenCommerce

Status: **PLANNED**

An exclusive marketplace for environmentally friendly products. GreenCommerce will share the SmartCommerce infrastructure with sustainability-focused features.

Your involvement: Future phase. Payment infrastructure you build for SmartCommerce powers GreenCommerce.

*Every edge case in your code is someone's real money.
Slippage, failed fulfillment, duplicate webhooks — you handle them all.*

Technical Environment

- ▶ **Blockchain:** BNB Smart Chain (EVM-compatible)
- ▶ **Backend:** Node.js, Express
- ▶ **Database:** PostgreSQL (orders, payments), Redis (idempotency, caching)
- ▶ **Event Handling:** Webhook-based event processing
- ▶ **Integration:** Fulfillment/logistics APIs (Shopify, ShipStation, or similar)
- ▶ **Testing:** Jest or Mocha/Chai

What You'll Do

Payment Processing

- ▶ Build payment validation — verify on-chain token payments match order amounts within slippage tolerance
- ▶ Handle price volatility between order placement and payment confirmation
- ▶ Implement idempotent payment processing — duplicate webhooks must not double-charge or double-fulfill
- ▶ Handle edge cases: overpayment, underpayment, partial payments, expired orders

Settlement & Fulfillment

- ▶ Bridge on-chain payments to off-chain fulfillment systems
- ▶ Ensure atomicity — if fulfillment fails, payment must not be marked complete
- ▶ Build retry logic for transient fulfillment failures
- ▶ Design refund mechanisms for crypto payments

Order Management

- ▶ Track order lifecycle: placed → paid → fulfilling → shipped → delivered
- ▶ Build order history and status APIs for the frontend
- ▶ Handle merchant-side tools if third-party sellers are supported

- ▶ Design for scale — the system should handle growth from 10 to 10,000 orders/day
-

What We're Looking For

Required

- ▶ 2+ years backend development with Node.js or Python
- ▶ Experience with payment processing or e-commerce backend systems
- ▶ Understanding of idempotency, webhook handling, and distributed system reliability
- ▶ Experience with PostgreSQL and Redis
- ▶ Ability to think through failure modes first — what breaks, not just what works
- ▶ Clear written communication in English for async collaboration

Nice to Have

- ▶ Experience with crypto payment processing (BitPay, Coinbase Commerce, or custom on-chain)
 - ▶ Familiarity with fulfillment/logistics integrations (Shopify, ShipStation)
 - ▶ Understanding of blockchain transaction finality and confirmation times
 - ▶ Experience with message queues (RabbitMQ, SQS) for async processing
 - ▶ Knowledge of escrow patterns in smart contracts
-

What We Offer

- ▶ **\$115,000 – \$152,000 USD/year** — competitive and negotiable based on experience
 - ▶ **Fully remote** — work from anywhere in the world
 - ▶ **Real ownership** — build the commerce infrastructure from scratch
 - ▶ **Direct impact** — your code handles real money — every decision matters
 - ▶ **Ground-floor timing** — proven foundation (live staking) + greenfield products
-

Hiring Process

We respect your time. Our process is fast, practical, and focused on real skills:

Step 1: Application Review

We review your portfolio, deployed work, and GitHub.

Step 2: Simple Conversation (20–30 min)

An async conversation covering your background, motivation, and foundational technical knowledge.

Step 3: Technical Assessment (1 hour)

A hands-on coding project in a provided scaffold repo. No leetcode, no algorithm puzzles. Just practical work that mirrors what you'd actually be building here.

Step 4: Technical Interview

A deeper discussion based on your assessment submission.

Step 5: Offer

Team debrief, reference checks if applicable, and offer.

NodeMeta — Empowering the Decentralized Future
Best Decentralized Ecosystem — 2025 Evergreen Awards

NodeMeta recruiters will never ask candidates to send cryptocurrency, share wallet seed phrases, pay application fees, or purchase equipment using personal funds.