NODEMETA

Empowering the Decentralized Future on BNB Smart Chain

Solidity Smart Contract Developer

Remote | Full-time | $120,000 – $158,000 USD/year

> *You won't be maintaining someone else's contracts or following a spec someone handed you. You'll be the engineer who designs and builds the smart contract layer from the ground up — the staking engine, the marketplace logic, the payment contracts. Your code, your architecture.*

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
Careers	https://node-meta-careers-nine.vercel.app

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. This is the revenue-generating backbone of the ecosystem — real users, real tokens, real on-chain activity.

Your involvement: Maintain, optimize, and extend existing staking contracts. Improve gas efficiency and prepare for the next phase of staking features (NFT-based staking, tiered reward structures).

2. NFT Marketplace

Status: IN ACTIVE DEVELOPMENT — architecture phase

A decentralized marketplace for NFTs with a differentiator: real-world utility. NFTs on our platform aren't just collectibles — they unlock benefits, access, and rewards within the NodeMeta ecosystem. The marketplace will support minting, listing, bidding, trading, and on-chain staking of NFTs with per-second reward accrual.

Your involvement: This is the core of your role. You'll design and implement the marketplace smart contracts from scratch — BEP-721/BEP-1155 minting, trading/auction logic, and the NFT staking engine (reward calculation, lock-up periods, safe withdrawal flows). You'll own the contract architecture.

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. This is what makes NodeMeta different from most Web3 projects: we're building actual utility for the token beyond speculation. SmartCommerce requires on-chain payment contracts, settlement logic, escrow mechanisms, and integration points with off-chain fulfillment systems.

Your involvement: Design the on-chain payment and settlement contracts. Build the escrow logic that protects both buyers and sellers. Work closely with the backend team to ensure on-chain payments trigger real-world fulfillment reliably.

4. GreenCommerce

Status: PLANNED

https://node-meta.com

An exclusive marketplace for environmentally friendly products — eco-conscious electronics, reusable home products, green building materials, and clean energy solutions. GreenCommerce will share the SmartCommerce contract infrastructure with additional sustainability-focused features.

Your involvement: Future phase. Contracts you build for SmartCommerce will be extended for GreenCommerce, so your architectural decisions now directly shape this product.

> *In short: you're joining at the moment where the foundation is proven (live staking, real users) and the most exciting products (NFT marketplace, SmartCommerce) are being built from scratch. This is the best timing for an engineer who wants ownership.*

Technical Environment

- **Blockchain:** BNB Smart Chain (EVM-compatible)
- **Language:** Solidity ^0.8.20
- **Standards:** BEP-20 (fungible tokens), BEP-721 / BEP-1155 (NFTs)
- **Libraries:** OpenZeppelin Contracts v5
- **Tooling:** Hardhat or Foundry (your preference)
- **Testing:** Unit, integration, fuzz testing (Echidna / Foundry fuzzer)
- **Security:** Internal review + third-party audit (CertiK, PeckShield, or similar)
- **Metadata Storage:** IPFS / Arweave
- **Verification:** All contracts verified on BscScan

What You'll Do

As our Solidity Smart Contract Developer, your day-to-day work spans three product areas:

NFT Marketplace Contracts

- Design and implement NFT minting contracts (BEP-721 and BEP-1155)
- Build trading logic — listings, bids, auctions, direct sales with escrow
- Implement the staking engine — per-second reward accrual, lock-up periods, safe withdrawal with reentrancy protection
- Design the reward token distribution mechanism for staked NFTs

https://node-meta.com

SmartCommerce Payment Contracts

- Build on-chain payment acceptance and validation logic
- Design escrow contracts for buyer/seller protection
- Handle edge cases — slippage tolerance, partial payments, refund mechanisms
- Create settlement logic that bridges on-chain payments to off-chain fulfillment

Security & Quality

- Write comprehensive test suites for every contract (unit, integration, fuzz)
- Optimize gas usage across all contracts
- Prepare contracts for third-party security audit — clean code, clear documentation, known-risk inventory
- Coordinate with auditors on findings and remediate issues before mainnet deployment

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What We're Looking For

Required

- 2+ years writing production Solidity with deployed, verified contracts (share your BscScan or Etherscan links — this matters more than your resume)
- Strong understanding of smart contract vulnerabilities — reentrancy, integer overflow, oracle manipulation, front-running, access control issues
- Hands-on experience with Hardhat or Foundry
- Familiarity with OpenZeppelin contracts and EVM token standards (ERC-20, ERC-721, ERC-1155)
- Ability to reason about tradeoffs between gas optimization, security, and code readability
- Clear written communication in English for async collaboration

Nice to Have

- Prior work on staking protocols, reward distribution systems, or NFT marketplaces
- Experience preparing for or completing a third-party audit (CertiK, PeckShield, Trail of Bits, OpenZeppelin)
- Familiarity with IPFS or Arweave for decentralized metadata storage
- Full-stack blockchain developers with strong Solidity depth are welcome
- Experience with formal verification or advanced fuzz testing (Echidna, Foundry fuzzing)

What We Offer

- **$120,000 – $158,000 USD/year —** competitive and negotiable based on experience
- **Fully remote —** work from anywhere in the world
- **Real architectural ownership —** you're not filling a seat, you're building the contract layer
- **Ground-floor timing —** proven foundation (live staking) + greenfield products (marketplace, SmartCommerce)
- **Security-first culture —** we budget for audits and take them seriously
- **Small, focused team —** your voice matters in every architectural decision
- **Sustainability commitment —** carbon neutrality pledge by 2030, investing in renewable energy projects

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 contracts, and GitHub. Verified contracts on BscScan/Etherscan are the strongest signal.

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 — you'll implement a staking contract in a provided scaffold repo, using Hardhat or Foundry (your choice). No leetcode, no algorithm puzzles. Just practical smart contract work that mirrors what you'd actually be building here.

Step 4: Technical Interview

A deeper discussion based on your assessment submission — your design choices, security tradeoffs, and how you'd extend it for production.

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.