



SomniaForge

Zero-Config Blockchain Game Development
Platform



Current Problem

——In Blockchain Game Development ——

01

Time to Market

Takes 6–12 months to build even simple blockchain games.

02

Market Stagnation

95% of blockchain “games” run off-chain, keeping adoption low and scaring away traditional studios

05

Development Complexity

Manual setup, smart contracts, and endless debugging cycles.

04

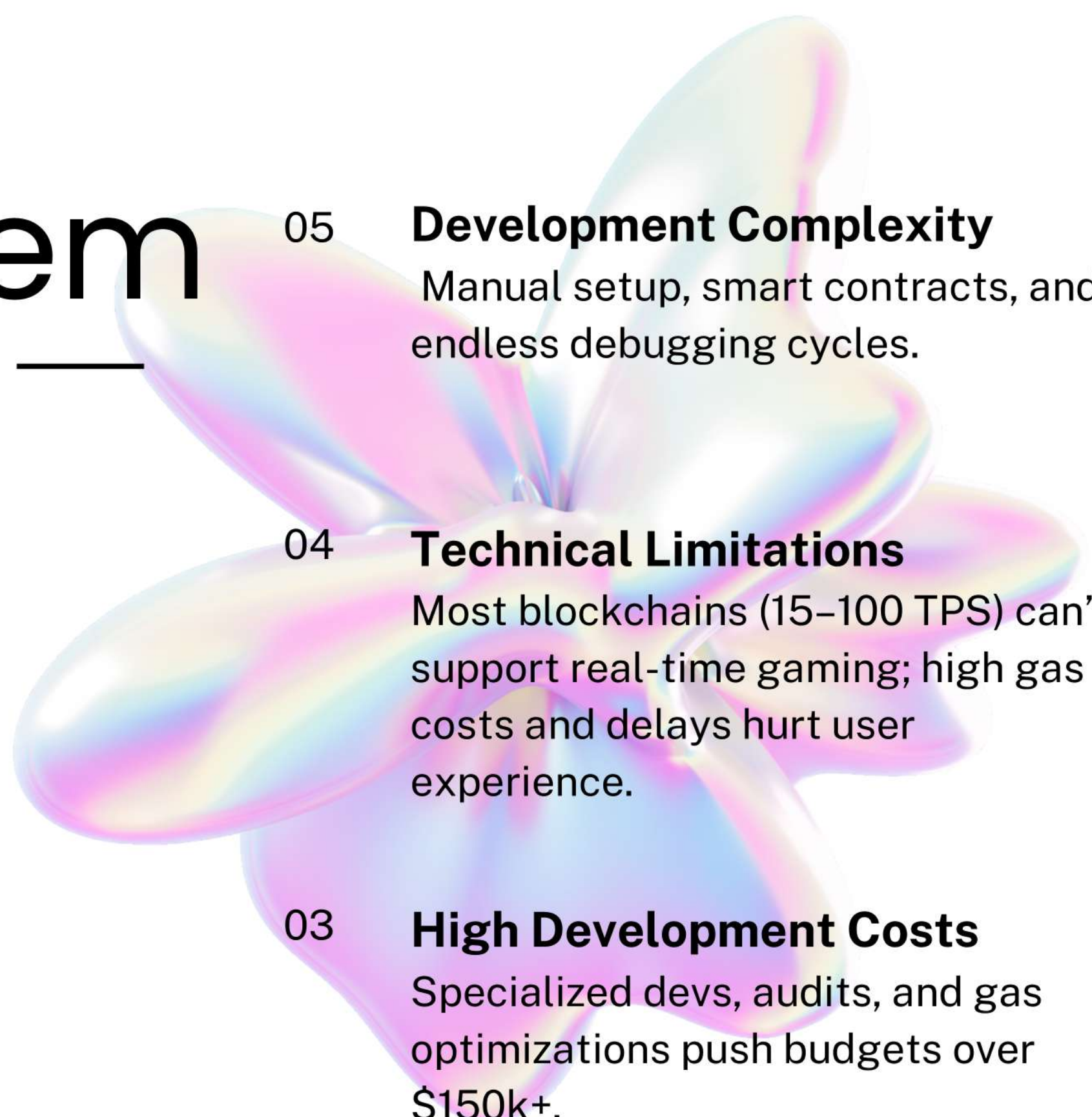
Technical Limitations

Most blockchains (15–100 TPS) can’t support real-time gaming; high gas costs and delays hurt user experience.

03

High Development Costs

Specialized devs, audits, and gas optimizations push budgets over \$150k+.





Solution

SomniaForge : Zero-Config Game Development Platform

- **Instant Setup:** Generate complete game projects with one command
- **Zero Configuration:** No complex smart contract setup required
- **Developer-Friendly :** EVM compatible SDK and templates reduce build time from months to minutes.
- **Cost-Efficient :** Gas-optimized SDK enables micro-transactions and removes high dev costs.



Advantages of Somnia



Performance + Dev Experience

- Somnia offers 1M+ TPS with sub-second finality in an EVM-compatible environment, powered by rich tooling and strong community support.

Ultra-Low Costs

- Gas-optimized micro-transactions make frequent in-game actions and complex mechanics affordable.

True Real-Time Gaming

- Unlike Ethereum or Polygon, Somnia supports instant moves, live tournaments, and on-chain rewards.

Fully On-Chain Applications

- From games to metaverses and DeFi gaming, Somnia powers persistent, interactive virtual worlds.



Market Opportunity

- **Massive Gaming Market** : \$184B global gaming industry (2023), with 3.2B players and mobile gaming leading at \$103B+.
- **Blockchain Gaming Growth** : Current \$5B market projected to hit \$65B by 2030 (35% CAGR), with 97% of gaming still untapped.
- **Target Segments** : Indie developers (500k+), Web3 studios (2k+), and traditional studios exploring blockchain.
- **Somnia's Unique Edge** : First real-time on-chain gaming platform with 100x performance advantage and effortless developer adoption.
- **Perfect Timing** : Mature infrastructure, growing Web3 adoption (100M+ wallets), and regulatory clarity unlock massive opportunities.



Features (MVP & Beyond)

- **Core SDK & Contracts** : TypeScript SDK, Viem integration, and 5 verified contracts on Somnia testnet.
- **Smart Contract Suite** : GameSession, PlayerRegistry, GameEconomy, Leaderboard, and MultiplayerGame for real-time logic.
- **Developer Platform** : Live docs, interactive examples, complete API reference, and integration guides.
- **Demo Showcase** : Rock Paper Scissors Arena with real-time gameplay, instant results, and STT betting system.
- **Performance First** : Native WebSocket events, error recovery, sub-second latency, and 100+ concurrent players supported.



Meet the Crazyheads



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Web3 Developer

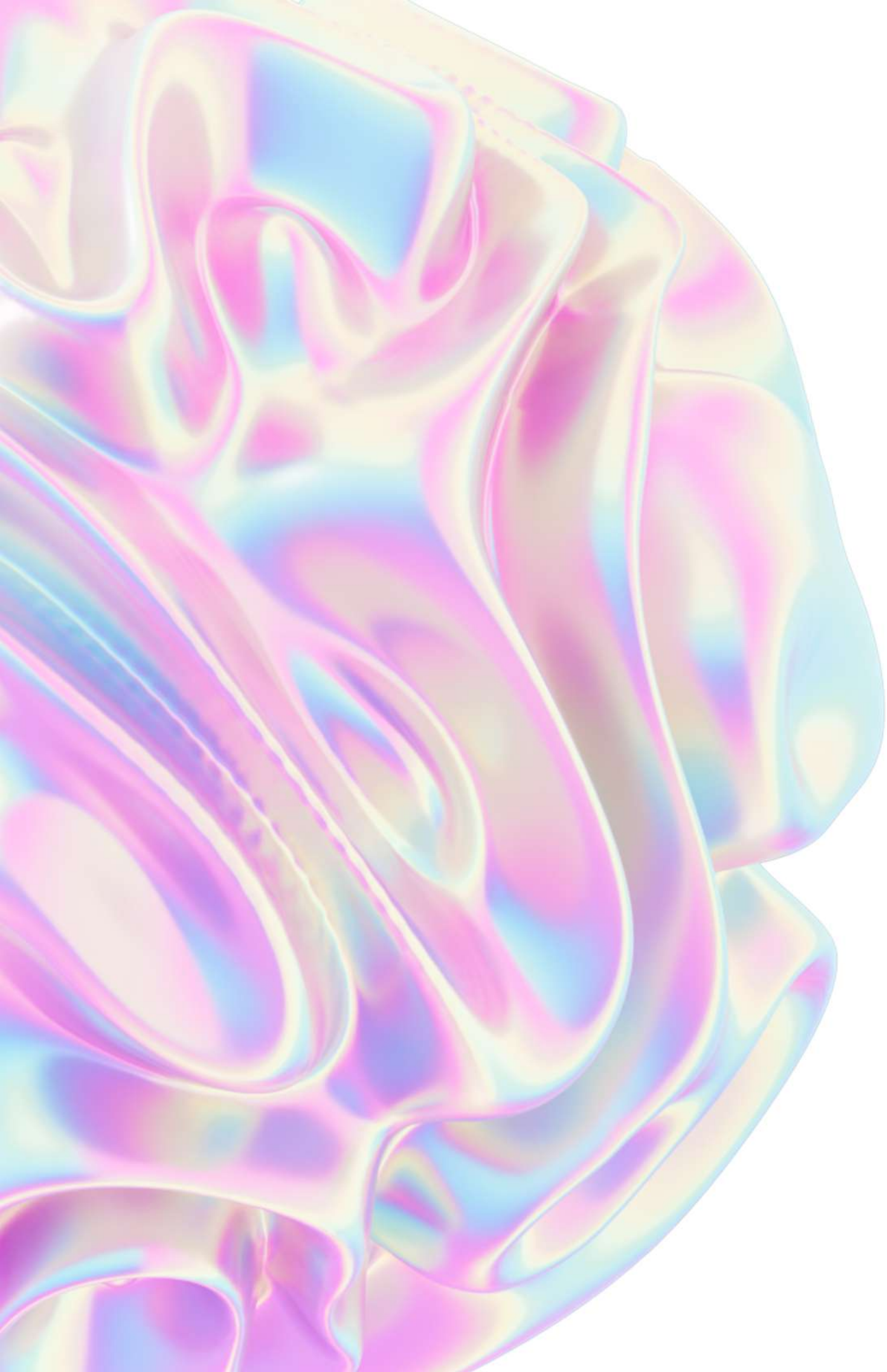
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Thank You!

- gSomnia