

Yudiz Solutions Limited

Upgrade your Web3 Product Roadmap

Yudiz provides a full suite of blockchain development services to help businesses harness the full potential of the technology and stay ahead in today's competitive Web3 era.

- Our expertise spans a range of Enterprise Blockchain Solutions, Crypto trading bots, Onchain Agents, DeFi, Tokenization, NFTs, Gaming, Exchanges and many others.

Help infuse Web3 elements into your products and services.

15+

Years of Innovation

65+

Products Deployed

12+

Industries
Transformed

24/7

Availability

95%

Retention

15+ Years of Award Winning Technical Excellence Trusted By

We've had the good fortune to work with many innovative companies that share our passion for leveraging Blockchain to enable exciting and powerful product capabilities



Testimonials



Cryptodude, Crypto Degen, Dubai

Yudiz delivered my Solana sniper bot with exceptional speed and accuracy. From optimizing the RPC node to ensuring seamless data pulling from the mempool, the bot handled high-frequency trades flawlessly. Any issues that arose, whether latency or minor mempool delays, were quickly addressed, keeping performance on track.

They fine-tuned it for real-time execution, ensuring I maintained an edge in fast-moving markets. Their attention to detail in speed and reliability was evident, and they were always transparent with us on necessary adjustments. They ensured my sniper bot performed at its best.



Mark L., CEO, Blockchain Innovations, Hong Kong

They thought ahead. Instead of just copying other DEXs, they made ours smarter: lower fees, tighter security checks, and compatibility with multiple blockchains. No tech jargon—just straight-up updates when things needed tweaking.

In crypto, trust is everything. They built a DEX that's quick, reliable, and ready to grow. No hype. Just results. This team nailed our DEX. Transactions were cheap, trades were instant, and the system didn't crash—even when traffic spiked. They fixed hiccups (like slow orders or price glitches) fast, so users never noticed.



CTO, Web3 Start-up, UK

The team tackled our high-traffic complex BNB smart contract—a nightmare of balancing speed, security, and cost. The challenge was to handle 10,000+ transactions/hour without clogging the network or spiking gas fees. They rebuilt the contract's logic to distribute load evenly, prioritize critical actions, and auto-adjust gas during peaks.

When stress tests revealed bottlenecks, they stripped redundant code, batched transactions, and added fail-safes to prevent overloads. No crashes. No exploits. Just a lean contract that scaled smoothly under pressure. I loved the work.

Chains



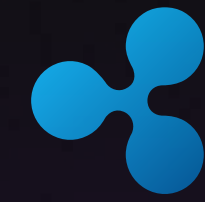
Solana



Hyperledger Fabric



TON



Ripple



Base



Blast



Ethereum



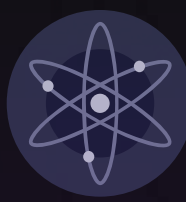
Binance



Tron



Avalanche



Cosmos



NEAR Protocol



Corda



Boba Network



Pirichain

Frameworks

Parity Substrate

We harness the flexibility and interoperability of Substrate framework to build powerful applications quickly. Whether it's about pallets, side or parachains or cross-chain bridges, we have it covered.

OP Stack

Our devs help businesses uncover the fullest potential of OP Stack to craft customized L2 chains tailored to their needs. A smooth and unhindered rollup process facilitation.

Arbitrum Orbit

We harness the power of Arbitrum Orbit to help businesses create dedicated chains tailored precisely to their business needs. Your Gateway to Launching Fully Customizable L2/L3 Chains.

Avalanche Subnets

We pioneer the integration of Avalanche Subnets to help businesses scale indefinitely while transcending the limitations of L1 Blockchain. Unparalleled Scalability Beyond L1 Constraints.

Cosmos SDK

We leverage Cosmos SDK to devise futuristic blockchain solutions tailored to the specific needs of businesses. Yudiz utilizes the open source Cosmos SDK chains to build high-value public and permissioned blockchains for specific applications with a POA, POS consensus mechanism.

Polygon zkEVM

Yudiz, being one of the renowned Polygon CDK service provider, stands at the forefront of the emerging technology to enable businesses to capitalize on the potential of zkEVM to craft tailored solutions based on their specific use cases.

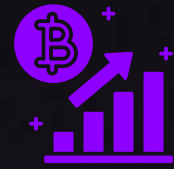
zkSync Hyperchains

Yudiz equips businesses with all the necessary tools to develop & deploy their own Hyperchains and heighten Ethereum scalability for their designated blockchain projects.

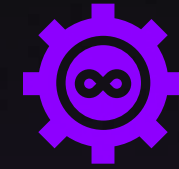
Expertise



**Enterprise Blockchain
Solutions**



**Custom Web3
Analytics Solutions**



**Web3 DevOps (Node
and RPC Mgmt.)**



**Complex Smart
Contracts**



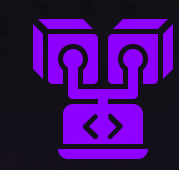
Tokenizations



Onchain Agents



**Telegram and Discord
Crypto Trading Bots**



dApps



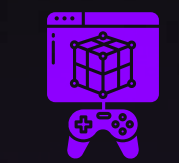
CEX, DEX, HEX



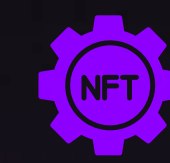
Wallets



**TG Mini Apps and
Games**



Web3 Games



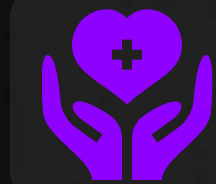
NFTs

Enterprise Blockchain Solutions



Supply Chain

Gain end-to-end visibility, transparency, and full-asset control across your supply chain network with the help of our custom blockchain solutions.



Healthcare

Blockchain experts at Yudiz utilize their technical prowess to provide an ultra-secure platform for storing medical records and streamlining several different processes within the industry.



Entertainment

Blockchain in media and entertainment can help with decreased IP infringement, provide greater transparency into who owns the content, and enable monetisation of copyrighted assets through smart contracts. Yudiz helps in all these.



Carbon Credit

Achieve better transparency, accessibility, and standardization for the carbon markets with the help of Yudiz's blockchain expertise.



Real-estate

Transforming the real estate woes, like mortgage securitization, inefficient asset management, illegal property transfer, and more, into opportunities.



P2P

Accelerate the procure to pay cycle on a Blockchain platform for enhanced management of goods, services and resources with the help of Yudiz.

Enterprise Blockchain Solutions (Contd.)



Education

Connect with our experts to navigate from inefficient educational processes to blockchain-based efficient educational paradigm.



Finance

We enable our clients to integrate in FinTech to manage business transformation challenges, create new revenue streams, alleviate the ops cost, adhere to regulations, capitalize on new business opportunities, and achieve efficiency and effectiveness.



Transport & Logistics

We help transportation and logistics companies digitally transform their business and chart the path for new ways of working to achieve better results for themselves and their customers.

DeFi Consulting

Our full spectrum of consulting services for different use cases to ensure your idea is efficiently transformed into a world-class product.

DeFi Staking

We offer comprehensive support for developing your staking strategy, whether you prefer to build your own infrastructure or rely on ours.

Stablecoins

Stablecoins have enormous potential, and we can help you determine which one is best suited to your needs and develop a robust strategy to manage the challenges they pose.

Custody and Security

We understand that safeguarding your crypto assets and your wallet's private key is critical, and we can help you develop a customized security and custody strategy.

Decentralized Assets

Investing in decentralized assets is a cutting-edge approach to crypto investing, and we can help you explore the boundless opportunities it offers.

DeFi Protocols

The rapidly growing industry of DeFi protocols can be overwhelming, but we can provide you with an overview of this sector and help you assess its potential for you.

Liquidity Mining

Liquidity mining presents unique investment opportunities and risks, and we can help you gain a deep understanding of its investment thesis and derive strategies to maximize its benefits.

Client Stories

A Leading Solana MM (Volume Booster) Crypto Trading Bot

Our client wanted to provide an automatic liquidity management to his clients for their tokens without worrying about manually balancing buy/sell pressure, adjusting liquidity pools, or protecting against price dumps. The Solution lets customers auto-buy, auto-burn, auto-add liquidity, and control token price zones. This means users can build trust with their community, keep their token price healthier, and avoid panic dumps or manipulation, even if they're not watching the charts all day.

What sucked before?

Constant Monitoring Needed: Token owners had to watch charts 24/7 to react to price changes or protect liquidity.

Manual Interventions: Every price dip or pump required manual action—buybacks, burns, or LP adjustments.

Trust Issues: Investors feared rugs or sudden dumps due to weak liquidity management tools.

A Leading Solana MM (Volume Booster) Crypto Trading Bot (Contd.)

How Have We Balanced the Load on This?

Multi-Node Redundancy: Integrated multiple third-party RPC providers to avoid single points of failure and ensure consistent on-chain data access during high-load events.

Config-Driven Logic: Made it easy to update rules without redeploying contracts, avoiding downtime or heavy dev involvement.

Smart Trigger Engine: Built a rules-based engine that reacts to market events in real time without manual input.

Modular Automation: Separated auto-buy, auto-burn, and liquidity logic into independent modules to reduce conflicts and keep execution smooth.

Result

- **Improved Token Stability:** Automated actions helped maintain healthier price ranges and reduced panic volatility.
- **Investor Confidence Boosted:** Transparent, rule-based logic reassured the community and attracted more long-term holders.
- **Operational Freedom:** The client's clients no longer had to monitor or adjust token behavior manually—freeing up time and reducing stress.
- **Faster Market Response:** The system reacts instantly to market changes, cutting out delays that previously led to losses. 35K+ monthly active users in just 3 months.
- **Infrastructure Ready to Scale:** The setup now supports more tokens and rule variations without overloading the system.

With this solution in place, our client now runs a fully autonomous token economy—resilient, efficient, and built to grow without constant oversight.

A Solana DEX

A fast-growing DeFi startup sought a high-performance DEX built on Solana to offer lightning-fast, low-fee trading for its users. They needed a scalable, on-chain solution capable of handling real-time swaps, limit orders, and liquidity pool management—without compromising on speed or decentralization. The goal was to create a user-friendly experience that rivaled centralized exchanges while leveraging Solana's high throughput to support rapid growth and future integrations.

What sucked before?

Limited Order Types: Most DEXs only supported basic swaps, with no support for limit orders or advanced trading features.

Liquidity Fragmentation: Users had to jump between multiple protocols to find the best prices, wasting time and effort.

Centralization Risks: Some solutions relied too heavily on off-chain components, reducing trust and transparency.

A Solana DEX (Contd.)

How Have We Balanced the Load on This?

Optimized On-Chain Execution: Leveraged Solana's parallel transaction processing to handle high trading volumes without slowdowns.

Efficient State Management: Used lightweight smart contracts and lean data structures to reduce compute load on the network.

Indexed Data Layer: Integrated a custom indexer for fast querying of trading pairs, order books, and pool data in real time.

Horizontal Scaling: Deployed backend services across multiple nodes to support growing user activity without bottlenecks.

Rate-Limited Requests: Applied throttling and queue systems to manage user inputs and prevent overload during peak trading hours.

Reliable RPC Strategy: Connected to multiple high-availability Solana RPC nodes for consistent transaction relay and failover safety.

Result

- **Blazing-Fast Trading:** Users experience near-instant swaps and order execution thanks to Solana's high throughput.
- **Cost-Efficient Transactions:** Ultra-low fees make frequent trading and liquidity provision accessible to all users.
- **Pro-Level Features:** Support for limit orders and real-time market data delivers a CEX-like experience in a fully decentralized way.
- **Scalable Architecture:** Built to onboard thousands of users and expand to new markets without performance drops.

By launching this Solana-based DEX, our client now offers a high-speed, low-cost trading platform that combines decentralization with a premium user experience—ready to scale with the future of DeFi.

Onchain AI Agent on Avalanche

Our client in the DeFi automation space needed an AI-powered on-chain agent on Avalanche to run trading and yield strategies without user input. They wanted a smart system that could monitor market data, detect patterns, and auto-execute actions like swaps, rebalances, or staking—24/7. The goal was to combine automation and intelligence for real-time decision-making, reduced human error, and optimized returns—all with Avalanche's speed and low fees.

What sucked before?

No Smart Decision-Making: Traditional automation lacked adaptive logic—rules were fixed, not responsive to changing market trends.

High Risk of Missed Opportunities: Delayed reactions to price swings or yield changes often led to suboptimal returns.

Overreliance on Off-Chain Bots: Most solutions depended on centralized bots, compromising decentralization and reliability.

Low Personalization: One-size-fits-all scripts didn't adjust to individual risk levels or asset preferences.

Complex Setup: Non-dev users struggled to deploy or update strategies without writing or editing smart contracts.

Onchain AI Agent on Avalanche (Contd.)

How Have We Balanced the Load on This?

On-Chain Logic Optimization: Designed lean, gas-efficient smart contracts to minimize compute load and ensure fast execution on Avalanche.

Event-Driven Triggers: Used market-based on-chain events to activate agent actions only when needed—reducing unnecessary operations.

Asynchronous Task Handling: Separated monitoring and execution layers to handle multiple strategies in parallel without clogging the system.

AI Model Offloading: Deployed lightweight ML models off-chain for decision logic, then relayed actions on-chain to keep performance high.

Multi-Agent Scalability: Enabled multiple agents per user, each running isolated strategies to avoid conflicts and ensure modular scaling.

Result

- **Fully Automated DeFi Actions:** Users run trading and yield strategies 24/7 without lifting a finger.
- **Smarter Decisions, Faster Results:** AI logic adapts to market trends in real time for optimized execution.
- **Cost-Efficient Execution:** Avalanche's low fees and fast finality keep automation cheap and scalable.
- **Modular & Scalable:** Supports multiple agents per user with zero performance drop as usage grows.

With this AI-driven on-chain agent, our client now delivers a truly hands-free DeFi experience—intelligent, efficient, and built to adapt in real time to an ever-changing market.

Web3 Game Development

Yudiz makes sure to uncover the true potential of blockchain technology to build stunning Web3 games.

Web3 Game Consulting & Development

Our team offers top-notch web 3 game development services and to help transform your web 3 gaming ideas into reality in an efficient as well as effective way to ensure a smooth launch on the futuristic web 3 platform.

Creation of Avatars

We help deliver highly immersive gaming experiences to every gamer with our superior avatar creation service. Our team inputs artistic creativity and makes use of the latest animation tools & technologies to create hyper-realistic avatars.

Smart Contracts

Our smart contract development services play a significant role in automating the trading of in-game assets to make the entire process easy, smooth, and convenient to provide a seamless experience for every gamer.

Web3 Game Development (Contd.)

Creation of NFT Marketplaces

We help create highly functional NFT marketplaces to appropriately integrate your web 3 games that offer gamers a readymade platform for easy buying, selling, and transferring of all in-game digital assets without any problems.

Development & Integration of Wallets

Our team helps develop robust & secure crypto wallets and appropriately integrate them into the web 3 games to enable easy crypto transactions, thereby facilitating convenient storage as well as retrieval of digital assets in games.

Token Creation

Our web 3 game development services include the design and development of tokens with all the required features & functionalities on your chosen blockchain, thereby facilitating successful scaling of your businesses.

Web3 Game Porting

Yudiz helps port games from the Web2 platform to the Web3 platforms to enable gaming businesses to enjoy the benefits of decentralized gaming to the fullest.

Our Skilled Team

These represent common roles staffed to partners based on their unique needs.

**Blockchain
Business
Analyst**

**Sr. Blockchain
Engineer**

**Blockchain
Team Lead**

**Web3 Project
Manager**

**AI Expert Web3
Engineer**

**Web3 Gaming
Engineer**

Protocol Engineer

Blockchain QA

Web3 DevOps

Our Web3 experts includes pioneers, architects, and ecosystem builders featured across leading chains and communities. They are strategic thinkers, protocol engineers, and creative technologists with a passion for decentralization and trustless design. Skilled in smart contract development, tokenomics, and on-chain integration, they specialize in crafting secure, scalable systems that power the next generation of digital ownership and interaction.

Get started in as Little as two weeks

We provide best proposal with every engagement

Staff Augmentation

Add engineers to your team seamlessly for less than the cost of employees. We staff individuals as well as teams of 50+ people, plus project managers, DevOps, QA, and designers.

Product Studio

Build a high-quality, user-centric product or feature from scratch, fast and on budget. We staff embedded product teams with PMs, UX/UI designers, frontend, backend, data engineers, and QA.

Project Sprints

Audit contracts, dApps, code or UX/UI. Train and optimize your product. Scope a migration or upgrade. Build a prototype or MVP. We offer many short-term, shovel-ready projects on fixed-cost and time and material models.

Balance Your Load With Us!

Thinking of turning your Web3, Crypto and Blockchain vision into tangible, impactful product? Reach out to us today, and let's start building your custom solution.

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