

Blockchain Development

Blockcoaster provides end-to-end blockchain development services that empower businesses to build decentralized ecosystems. This includes the creation of secure and scalable smart contracts, cross-chain bridge solutions for interoperability between blockchains, and decentralized applications (DApps) tailored to various industries. We also offer decentralized storage setups and cloud infrastructure to ensure data resilience and system efficiency. These services help organizations automate operations, increase transparency, and reduce third-party dependencies.

Smart Contract Development

We build secure, efficient, and self-executing smart contracts tailored to your specific business logic. These contracts automate agreements between parties on the blockchain, eliminating the need for intermediaries and reducing the risk of manipulation or fraud.

Smart Contract Audit

Auditing ensures the reliability and security of smart contracts by identifying vulnerabilities, bugs, or inefficiencies. Our audit process involves static code analysis, formal verification, and simulation to certify your smart contracts are production-ready.

Cross-Chain Bridge Development

A cross-chain bridge allows interoperability between different blockchain networks. We design secure bridges that enable seamless asset transfers and data communication across Ethereum, BNB Chain, Solana, and others, ensuring optimal liquidity and user access.

Dapp (Decentralized Application) Development

Dapps operate on decentralized networks like Ethereum and offer users full control over their data and interactions. We build scalable, user-friendly Dapps with custom front-end and back-end infrastructure to suit DeFi, gaming, and marketplace needs.

Decentralized Storage

Our decentralized storage solutions like IPFS and Filecoin ensure your data is distributed, secure, and censorship-resistant. These systems eliminate centralized storage vulnerabilities while increasing resilience and uptime.

Cloud Services

We integrate cloud services with blockchain infrastructure to enhance scalability, real-time data processing, and seamless DevOps support for decentralized apps and platforms.

Metaverse Development

Our metaverse development services focus on building immersive, interactive digital worlds that blend virtual reality, blockchain, and user-generated content. Blockcoaster develops metaverse applications, virtual real estate platforms, healthcare experiences, workplaces, and event spaces. We also specialize in avatar creation, metaverse-compatible NFT marketplaces, and virtual commerce platforms. These solutions enable brands and users to engage in new dimensions, creating economic and social interactions within 3D environments.

Metaverse Application Development Services

We develop immersive, interactive virtual environments where users can socialize, collaborate, and transact. These applications are designed for VR/AR compatibility and optimized for metaverse user experience.

Metaverse Real Estate Platform Development

Virtual land ownership is booming. We create real estate platforms where users can buy, sell, lease, and monetize virtual property through tokenized land assets on the blockchain.

Metaverse Healthcare Solutions

We merge metaverse tech with healthcare by creating virtual hospitals, wellness centers, and medical training simulations. These platforms enable remote diagnosis, doctor-patient interactions, and education in immersive 3D spaces.

Metaverse Avatar Development Services

Custom avatars are at the heart of metaverse experiences. We design personalized, animated 3D avatars that represent users in virtual worlds, supporting gestures, voice interactions, and cross-platform usage.

Metaverse Virtual Working Space Solutions

With remote work on the rise, we develop collaborative virtual office environments where teams can interact in real-time using avatars, shared whiteboards, and integrated communication tools.

Metaverse Virtual Event Platform Development Services

We enable the hosting of virtual conferences, concerts, expos, and meetups. Our platforms support 3D navigation, live streaming, networking areas, and NFT-based ticketing systems.

Metaverse NFT Marketplace Development

We develop NFT marketplaces within the metaverse that allow users to mint, trade, and showcase digital assets like art, fashion, and collectibles in immersive virtual galleries or stores.

Metaverse E-Commerce Platform Development

Virtual shopping is now a reality. Our e-commerce platforms support virtual storefronts where users can browse 3D product representations and complete transactions using crypto.

NFT Development

Blockcoaster crafts comprehensive NFT ecosystems that enable the tokenization of digital and physical assets. We build NFT marketplaces, clone platforms, and white-label solutions with features like minting, trading, lending, and auctions. Our services cover the development of standard ERC-721 NFTs and ERC-1155 semi-fungible tokens, as well as NFT launchpads and lending platforms. These systems are ideal for creators, collectors, and businesses entering the digital asset space.

NFT Marketplace Development

We build robust NFT marketplaces where users can mint, buy, and sell NFTs. These platforms feature wallet integrations, auction systems, and metadata indexing with scalable architecture.

NFT Marketplace Clone

Need a ready-to-go marketplace? We deliver high-quality clones of successful platforms like OpenSea, Rarible, and LooksRare with full customization options and fast deployment.

White Label NFT Marketplace Development

Our white-label solutions offer a turnkey NFT marketplace that you can brand as your own. We provide backend support, smart contract deployment, and UI/UX customization.

NFT Token Development (ERC-721)

We create non-fungible tokens using the ERC-721 standard, which ensures uniqueness and indivisibility. These tokens are used in gaming, digital art, real estate, and more.

NFT Minting Platform Development

Minting platforms enable users to create NFTs effortlessly. We develop interfaces and smart contracts that allow creators to mint tokens with custom metadata and royalty structures.

NFT Launchpad Development

Launchpads help creators and projects raise awareness and capital. We build platforms that support NFT drops, pre-sales, whitelisting, and community voting mechanisms.

NFT Lending Platform Development

This service enables users to lend or borrow NFTs as collateral. We develop decentralized NFT lending platforms integrated with smart contracts for automated loan issuance and repayments.

SFT Development (ERC-1155)

Semi-fungible tokens combine the benefits of ERC-20 and ERC-721. We build ERC-1155 token contracts ideal for use cases like gaming, where assets can be both unique and stackable.

Cryptocurrency Development

We offer robust cryptocurrency development services that include token creation, wallet development, and exchange platforms (centralized and decentralized). Blockcoaster supports P2P trading, DEXs, white-label exchange solutions, and meme coin development. Additionally, our advanced crypto bot systems—trading bots, arbitrage bots, and market-making bots—help clients automate strategies and enhance liquidity. Our services ensure secure, scalable, and compliant infrastructure for launching and managing digital currencies.

Cryptocurrency Wallet Development (Decentralized)

We design secure, user-friendly wallets supporting multiple assets and networks. These wallets offer features like private key management, staking, and cross-chain functionality.

Cryptocurrency Exchange Platform Development

From frontend design to backend engines, we create centralized and decentralized exchanges with liquidity solutions, order matching systems, and compliance tools.

Decentralized Exchange (DEX) Development

Our DEX solutions allow peer-to-peer trading without intermediaries. We incorporate features like AMMs (Automated Market Makers), liquidity pools, and governance protocols.

White Label DEX Development

Get your exchange to market faster with our white-label DEX products, preloaded with essential features like token swaps, wallet connections, analytics, and branding capabilities.

Cryptocurrency Token Development

We help you launch utility, governance, or security tokens tailored to your project's needs using standards like ERC-20, BEP-20, or custom chains.

Meme Coin Development

Capitalize on viral trends with meme coins. We handle everything from tokenomics and branding to smart contract creation and community engagement tools.

P2P Cryptocurrency Exchange Platform Development

Our peer-to-peer platforms allow direct crypto transactions between users with escrow mechanisms, rating systems, and dispute resolution built-in.

Centralized Cryptocurrency Exchange Platform Development

These platforms offer advanced trading interfaces, KYC/AML compliance, and high-performance matching engines to support institutional-grade trading experiences.

Crypto Trading Bots

Cryptocurrency Trading Bot Development

We build fully customizable bots that execute trades based on your strategy or AI-driven algorithms. These bots support spot, margin, and futures trading across multiple exchanges.

Cryptocurrency Arbitrage Bot Development

Our arbitrage bots exploit price discrepancies across exchanges to generate profits. They execute high-speed trades with real-time price monitoring and risk management systems.

Market Making Bot Development

We offer bots that maintain liquidity and reduce slippage by continuously placing buy/sell orders.

- **Volume Bot:** Designed to simulate trading activity to increase market volume.
- **Order Book Bot:** Maintains depth in the order book with balanced bid/ask spreads.

- **Gradually Up/Down Bot:** Adjusts token prices subtly to influence trends or simulate organic market movement.
 - **Combine Flow Bot:** Integrates all three strategies to create a natural-looking, high-liquidity market.
-

Web 3.0 Development

Web 3.0 Development

We help build decentralized web infrastructure with blockchain integration, token economies, and on-chain data management. Our Web3 apps give users more control and transparency.

Web 3.0 Game Development

We create blockchain-based games where in-game assets are tokenized and tradable. Our services include NFT character development, in-game economics, and P2E (Play-to-Earn) models.

DeFi Development

Our decentralized finance (DeFi) development services empower users to participate in blockchain-based financial systems without intermediaries. We build staking platforms, yield farming systems, DeFi wallets, crowdfunding platforms, and lending/borrowing protocols. These tools offer users the ability to earn rewards, borrow assets, and invest in decentralized projects with greater transparency and control. Blockcoaster ensures smart contract integrity and seamless UI for safe and engaging DeFi experiences.

DeFi Crypto Wallet Development

Our wallets support DeFi protocols like staking, yield farming, and token swapping. They also integrate with DEXs and feature multi-chain compatibility.

DeFi Staking Platform Development

We create platforms that allow users to earn rewards by staking tokens. Features include flexible lock periods, dynamic APYs, and smart contract automation.

DeFi Yield Farming Platform Development

We build platforms that reward users for providing liquidity. These include farming pools, real-time APY calculators, and integrations with popular DEXs.

DeFi Crowdfunding Platform Development

We develop decentralized crowdfunding platforms where projects can raise capital using token sales, community voting, and milestone-based funding models.

DeFi Lending and Borrowing Protocols

We build decentralized protocols that enable crypto lending/borrowing through collateralized smart contracts, interest rate algorithms, and liquidation mechanisms.

AI Development

Blockcoaster integrates artificial intelligence to enhance decision-making, automation, and user experiences. Our services include AI analysis, product marketing automation, prompt engineering, and the development of custom ChatGPT-powered applications. We also offer generative AI solutions for content creation and data modeling. These capabilities enable businesses to optimize processes, personalize user engagement, and unlock innovative services through intelligent, adaptive systems.

AI Analysis

We use data-driven algorithms to analyze trends, predict market movements, and generate actionable insights. These models are tailored for trading, marketing, or operations optimization.

AI Product Marketing

AI can personalize marketing strategies. We develop AI tools that generate customer personas, optimize ad placement, and automate email or content campaigns.

AI Prompt Engineering

We craft prompt systems that fine-tune the outputs of LLMs like ChatGPT for business-specific applications, enhancing productivity and automation.

ChatGPT Application Development

We create applications based on ChatGPT for customer service, virtual assistants, content creation, and more, fully integrated with your existing platforms.

ChatGPT Integration Services

We integrate ChatGPT into websites, mobile apps, and backend systems for conversational interfaces that boost engagement and automate tasks.

Generative AI Solutions

We develop solutions that generate content, images, or data using AI models like GPT, DALL-E, or custom-trained networks for creative or enterprise applications.

Other Services

3D Design

We provide high-quality 3D assets for games, metaverse, and marketing—from characters to environments and props, compatible across AR/VR platforms.

White Paper Development

Our experts craft investor-ready white papers outlining project vision, technology stack, tokenomics, and go-to-market strategies.

ICO/IDO Development

We offer complete ICO/IDO launch support, including smart contracts, launchpad integration, KYC, token issuance, and marketing strategy.

Real World Asset Tokenization

We help tokenize real estate, art, and physical goods into blockchain assets, enabling fractional ownership, liquidity, and global investor access.