

Kasalicky Tomas

Blockchain Developer

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SUMMARY:

Blockchain and game development expert with 8+ years of experience designing, developing, and deploying decentralized applications, NFT-based games, and multi-chain DeFi solutions. Proven expertise in smart contract development, game mechanics implementation, and scalable blockchain solutions. Passionate about Play-to-Earn (P2E) gaming, centralized crypto exchanges (CEX), and optimizing Web3 integrations.

PROFESSIONAL SKILLS:

- Blockchain Development: Solidity, Ethers.js, Web3.js, Hardhat, The Graph, Truffle, Smart Contract Security
- Game Development: Unity, Unreal Engine, Web3 Game Integrations, NFT-based game mechanics
- DeFi & Crypto Solutions: Multi-chain DEX, Liquidity Pools, Staking Contracts, CEX Architecture
- Backend & API Development: Node.js, TypeScript, GraphQL, REST APIs, Firebase, Express.js
- State Management & Frontend: Next.js, Redux, Zustand, SWR, React.js, TailwindCSS
- Database & Infrastructure: PostgreSQL, Sequelize, Firebase, AWS, Docker, IPFS

WORK EXPERIENCE:

Blockchain & Game Developer

Ticker Logic Studio (Aug 2023 - Dec 2024)

- Engineered blockchain-based gameplay mechanics for a multiplayer, open-world survival game, driving 200K+ active users.
- Designed a secure NFT-based economy, increasing player retention by 40% and boosting in-game transactions.

Blockchain Developer

Beetroot Lab (Nov 2022 - Jul 2023)

- Developed a play-to-earn (P2E) system leveraging NFTs, leading to a 50% rise in daily active users.
- Implemented staking mechanisms that enhanced player engagement by 60%, driving user monetization.

DeFi & Blockchain Researcher

T-RIZE Group (Feb 2022 - Oct 2022)

- Led development of a real estate tokenization platform, enabling \$100M+ in digital asset conversions.
- Integrated AI-powered business chat features, increasing user engagement by 25%.

Lead Blockchain Developer

Animoca (Sep 2020 - Dec 2021)

- Integrated blockchain asset management into Crazy Defense Heroes, driving 1M+ downloads and 35% revenue growth.
- Developed secure smart contracts ensuring transparent in-game transactions, boosting user trust.

WORK EXPERIENCE:

Blockchain Engineer

Tokenlon (Mar 2019 – Aug 2020)

- Developed decentralized exchange (DEX) features, processing \$500M+ in trading volume.
- Optimized UI/UX, improving user retention by 25% and transaction speeds.

Smart Contract Developer

Ambisafe (Oct 2017 – Feb 2019)

- Designed real estate tokenization solutions, cutting closing times by 30% while securing \$50M+ in assets.
- Led a team of 15 developers to enhance liquidity and accessibility for investors.

Software Engineer

4soft (Jul 2016 – Aug 2017)

- Developed smart contracts for insurance automation, reducing processing times by 40%.
 - Built decentralized data security solutions, streamlining claims and increasing fraud detection efficiency.
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EDUCATION:

Bachelor's Degree in Computer Science– September 2013 – June 2016

Czech Technical University in Prague, Czech Republic

Notable Projects

Real Estate Tokenization

- Propy: Spearheaded tokenization of real-world assets, enabling seamless blockchain-based property transactions. (<https://propy.com/>)
- T-RIZE: Developed innovative real estate tokenization and investment solutions, improving liquidity. (<https://www.t-rize.io/>)

Blockchain Gaming

- Lumiterra: Integrated NFT-powered gameplay into a metaverse, increasing player engagement by 50%. (<https://lumiterra.net/>)
- Crazy Defense Heroes: Developed Web3 integrations for in-game rewards, driving 35% revenue growth. (<https://crazydefenseheroes.com/>)
- Zeeverse: Engineered a play-to-earn ecosystem, resulting in a 50% spike in DAUs. (<https://zeeverse.com/>)

Decentralized Exchange (DEX) Development

- Tokenlon Instant: Implemented DEX features, facilitating \$500M+ in trading volume. (<https://tokenlon.im/instant/>)