KIEN LAM

Senior Blockchain Developer

@ kaycee69braungeu@hotmail.com   https://github.com/M3th0dzPlug   https://x.com/kakamajo_btc   Vietnam

SUMMARY

Innovative and results-driven **Senior Blockchain Developer** with 6+ years of experience in designing, developing, and deploying **decentralized applications** across multiple blockchains, including **Ethereum, Sui, Solana, and Bitcoin**. Highly skilled in **DeFi protocol development**, **cross-chain interoperability**, **NFT marketplaces, Metaverse integration**, and **AI-driven trading bots**. Expertise in optimizing **gas-efficient smart contracts**, **automating trading strategies**, and utilizing **Layer 2 solutions** to improve scalability and transaction efficiency. Passionate about integrating **cutting-edge AI algorithms** with blockchain technologies for adaptive and intelligent financial solutions.

TECHNICAL SKILLS

Blockchain Platforms & Smart Contracts:

- **Blockchains:**   Sui, Ethereum, Solana, Bitcoin ordinals & runes
- **Smart Contracts:** Move, Solidity, Rust, Vyper, Python
- **Smart Contract Frameworks:** Hardhat, Foundry, Truffle, Anchor
- **DeFi Protocols:** Uniswap, Compound, Aave, MakerDAO, Curve Finance
- **NFT Standards:** ERC-721, ERC-1155, ERC-998, Sui Tokenization
- **Cross-Chain Solutions:** Wormhole, LayerZero, Axelar
- **Token Standards:** ERC-20, ERC-777, ERC-1155, FT Tokens, Rune Integration

Bots & Automation:

- **Trading Bots**: Developed and deployed AI-powered algorithmic trading   bots on   decentralized and centralized exchanges, focusing on market-making and arbitrage.
- **NFT Sniping Bots**: Created custom bots for NFT drops, enabling high-speed transactions to secure mints and trades on platforms like OpenSea, Solanart, and Magic Eden.
- **AI Agents**: Integrated reinforcement learning models into trading   strategies for intelligent decision-making based on market trends and volatility analysis.

Web3 Development:

- **Web3 Libraries:** Web3.js, ethers.js, Wagmi, viem
- **Web3 Frontend:** React.js, Next.js, Redux, Tailwind CSS
- **Web3 backend:** Node.js, Python, GraphQL
- **Databases:** MongoDB, PostgreSQL, Redis
- **Oracles & Analytics:** Chainlink, Pyth Network, The Graph

DeFi & DEX Technologies:

- **Decentralized Exchanges (DEX):** Uniswap V3, Sushiswap, PancakeSwap
- **Lending & Borrowing Protocols:** Aave, Compound
- **Automated Market Makers (AMM):** Curve Finance, Balancer
- **Yield Farming:** ERC-4626, liquidity provision strategies, governance tokens

Metaverse integration

- **GameFi & NFTs**
- **Virtual Land Ownership**
- **Cross-Platform Data Exchange**
- **Decentralized Governance for Virtual Communities**

MY LIFE PHILOSOPHY

Highly responsible and dedicated professional with a strong commitment to accountability, integrity, and excellence.
I believe that true success comes from taking ownership, staying disciplined, and striving for quality. Known for consistently meeting deadlines, embracing challenges with resilience, and delivering impactful results that reflect my dedication to continuous growth and improvement.

INTERESTS

⭐ **Financial Literacy**

Passionate about improving financial literacy and empowering individuals with the knowledge to make informed financial decisions.

🪄 **Continuous Learning**

Committed to continuous learning and professional development in the field of finance and Blockchain.

STRENGTHS

⭐ **Solid Wrok Ethic**

- Reliability & Responsibility
- Self-Motivation
- Consistency & Dedication
- Problem-Solving Mindset
- Attention to Detail
- Time Management
- Adaptability & Continuous Learning
- Team Collaboration

⚡ **Highlight problem-solving skill**

- Innovative Solution Development
- Strategic Decision-Making
- Cross-Disciplinary Problem Solving
- Optimized Blockchain Solutions
- Continuous Learning & Improvement

SKILLS

React.js	Next.js	Angular.js	Vue.js
Tailwind CSS	Material UI		
Node.js	Python	Nest.js	GraphQL
MongoDB	MySQL	PostgreSQL	

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EXPERIENCE

Senior Blockchain Developer

NXT INTERACTIVE PTE. LTD.

📅 06/2023 - 08/2024   📍 Singapore, Singapore

- Architected and deployed DeFi protocols, including liquidity pools, staking contracts, and yield farming strategies on Ethereum and Solana ecosystems, optimizing gas costs and transaction throughput.
- Developed NFT marketplaces and Games using ERC-721 and ERC-1155 standards, integrating cross-chain Wormhole bridges for seamless asset transfer between Ethereum and Solana.
- Launched a cross-chain liquidity aggregator to pool tokens across Ethereum, Solana, Polygon, and BSC, improving liquidity availability by 25%.
- Integrated Metaverse smart contracts for virtual land, in-game assets, and digital identity (DID).
- Enabled interoperable Metaverse NFTs, allowing seamless asset use across virtual platforms.

Ethereum Smart Contract Developer

Fellowship of Ethereum Magicians

📅 12/2021 - 08/2022   📍 San Francisco, California

- Developed gas-efficient smart contracts using Solidity and Foundry, optimizing execution costs by 40%.
- Built staking and yield farming contracts for a DeFi platform, handling $100M+ in TVL.
- Implemented cross-chain bridges (Ethereum <> Arbitrum <> Polygon) using LayerZero and Axelar.
- Conducted smart contract security audits, mitigating reentrancy, integer overflows, and front-running attacks.

Blockchain Engineer (DeFi & NFT)

Blockchain Council

📅 04/2020 - 10/2021   📍 California, United States

- Built an NFT marketplace with ERC-721 & ERC-1155 standards, supporting royalty enforcement via EIP-2981.
- Designed and deployed a decentralized identity system using EIP-4337 (account abstraction) and social recovery wallets.
- Implemented cross-chain bridges (Ethereum <> Solana, Polygon, BNB Chain) using LayerZero & Axelar.
- Developed smart contract-based auctions & lending mechanisms for NFT collateralization.
- Optimized The Graph queries for indexing Ethereum smart contract events, improving frontend response times by 40%.

Full Stack Developer

Devava Keres

📅 12/2017 - 04/2020   📍 Yanghe, China

Developed and maintained marketing websites and landing pages using React, Node.js, and MongoDB. Focused on delivering responsive, high-performance websites for client campaigns and product launches.

- Built and optimized marketing sites with React for the front-end and Node.js for back-end services.
- Designed and managed MongoDB databases to store and retrieve marketing data efficiently.
- Integrated third-party services (e.g., email marketing, analytics) to enhance site functionality.
- Worked closely with design and marketing teams to create engaging user interfaces that improved conversion rates.
- Ensured mobile responsiveness and cross-browser compatibility for marketing sites.

EDUCATION

Bachelor's Degree, Computer Science

Hanoi University of Science and Technology

📅 09/2013 - 06/2017   📍 Hanoi, Vietnam

TECHNOLOGY

Bitcoin

Ethereum

Solana

Sui

LANGUAGES

English
Proficient
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Vietnamese
Native
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