

# Alex Yamada

Full Stack Web3 & AI Developer

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## Summary

Computer Science candidate specializing in research and development within the blockchain ecosystem, with experience across Bitcoin, EVM, Solana, Aptos, and Sui. I have contributed to decentralized applications including NFTs, DeFi platforms, cross-chain swap products, trading bots, and Play-to-Earn systems. Currently, my work focuses on Web3 infrastructure, multi-chain swap experiences, trading automation, and AI-assisted blockchain tooling. I possess strong business communication skills in English and substantial experience working remotely with international teams.

## Skills

- **Languages**  
Solidity, Rust, Move, Go, Python, JavaScript/TypeScript, Node.js, C/C++/C#, SQL, PHP, HTML, Tailwind CSS, SCSS
- **Frameworks**  
Truffle, Laravel, Express, Redux/Next, Vuex/Nuxt
- **Libraries/APIs**  
Web3.js, SPL, Moralis, Figma, REST APIs, jQuery, Socket.IO, GraphQL
- **Platforms**  
Blockchain, Ethereum, Linux, Docker, AWS
- **Storage**  
MySQL, BigchainDB, Redis, Memcached, MongoDB
- **Other**  
DApps, Smart Contracts, Cryptocurrency, Ethereum Smart Contracts, Cosmos SDK, Blockchain Architecture, Wallets, ERC20, ERC721, ERC1155, ERC4337, Solana, Metaplex, Anchor, Candy Machine, IPFS, Arweave, Data Structures, Algorithms

## Experience

*AlphaBeacon, Serbia - Founder & Lead Dev*

Apr. 2026 - Present

[alphabeacon.us](http://alphabeacon.us)

- **Solana-Native Communication Platform:** Architecting a Solana-native social and intelligence platform for traders, combining wallet-based identity, group communication, public channels, and token-gated access.
- **AI Agent Development for Trader Intelligence:** Designing and integrating an AI-assisted Beacon Agent that surfaces wallet activity, trending narratives, token signals, and community insights to help Solana traders discover actionable market context inside the Beacon App.
- **Full-Stack Product Leadership:** Leading full-stack product development across protocol design, wallet authentication, messaging UX, trader profiles, and AI-assisted signal discovery.
- **\$ABC Ecosystem Foundation:** Building the foundation for the \$ABC ecosystem, including utility-token access flows, community features, and roadmap planning for Beacon App beta.

*VKing Plays, United States - Casino Game Lead Dev*

Apr. 2025 - Mar. 2026

[uat.vkingplays.com](http://uat.vkingplays.com)

- **Online Casino Platform Development:** Led development of an online casino platform, including game flows, backend services, payment-related integrations, and user-facing gaming experiences.
- **Sports Betting API Integration:** Integrated external sports betting APIs for real-time odds, live scores, market

updates, and automated bet settlement workflows.

- **High-Frequency Backend Systems:** Built scalable backend components for high-frequency gaming and betting transactions, focusing on reliability, responsiveness, and operational performance.

### *Whaleden, United States – Blockchain Lead*

Apr. 2024 - Mar. 2025

[whaleden.com](http://whaleden.com)

- **Solana NFT Smart Contract Development:** Developed Solana NFT smart contract features including minting, staking, marketplace flows, and token-related utilities.
- **NFT Contract Review Support:** Participated in review and audit support for NFT-focused smart contracts.
- **Token and ICO Smart Contracts:** Designed and deployed smart contracts for tokens and ICOs, including token vesting, staking, refund vaults, and multi-signature wallets.

### *ChainSwap, Croatia - Lead Solana Dev*

Mar. 2022 - Feb. 2024

[chainswap.io](http://chainswap.io)

- **Leadership in Solana Development for Cross-Chain Integration:** Led Solana development for cross-chain and intra-chain swap functionality, including CCTP-related USDC transfer flows and Jupiter aggregator integration.
- **Implementation of Chainlink CCIP for Multi-Chain DEX:** Contributed to multi-chain DEX functionality using Chainlink CCIP concepts for secure cross-chain transactions.
- **Multi-Chain Expansion and Intra-Chain Swap Support:** Supported expansion across multiple blockchain networks, improving the user experience for same-chain and cross-chain swaps.
- **Multi-Chain Swap Platform Development:** Built and integrated Web3 features for a multi-chain digital asset swap platform focused on secure, private, non-custodial transactions.
- **Swap and Bridge UX Integration:** Worked on swap and bridge user flows, wallet integration, liquidity aggregation interfaces, and frontend/backend components supporting cross-chain UX.
- **Privacy-Oriented DeFi Features:** Collaborated on DeFi product features involving multi-chain flexibility, privacy-oriented transaction flows, and liquidity routing concepts.

### *Blocksmith Labs, Remote - Solana Web3 Dev*

Jul. 2021 - Aug. 2022

[blocksmithlabs.io](http://blocksmithlabs.io)

- **NFT Discovery and Community Products:** Contributed to Web3 products addressing NFT discovery, curation, whitelist management, and community engagement, including platforms such as Atlas3, Mercury, SHIFT, and Raven.
- **Solana Web3 Frontend Integration:** Built and integrated Solana Web3 frontend features and supported NFT-related product launches across the Blocksmith Labs ecosystem.
- **Production-Ready NFT User Experience:** Implemented product features with attention to usability, performance, and reliable wallet interactions in the Solana NFT ecosystem.

### *Moduluc, United States - Solana SC Dev*

Feb. 2020 - May. 2021

[moduluc.com](http://moduluc.com)

- **Web3 Application Integration:** Integrated blockchain technology and Web3 protocols into Moduluc web applications, enabling secure decentralized interactions.
- **Frontend and NFT Product Development:** Developed frontend and Web3 features for ecosystem websites and NFT-related applications, including Moduluc and AiriA-related products.
- **AiriA NFT Ecosystem Support:** Supported AiriA NFT ecosystem development, contributing to a collection that reached 16.4K SOL cumulative marketplace volume.

### *Smooth Team, United States - Software Engineer*

May. 2016 - Sep. 2019

- **Real-Time Auction Product Development:** Developed the core product (online auctions) using two-way real-time communication with a Firebase database.
- **Automated Auction Monitoring:** Built a Node.js monitoring system that tracked auction end times and updated

client interfaces in real time, reducing manual refresh needs.

- **Scalable REST API Architecture:** Designed architecture and developed a fast, reliable and scalable REST API for a cloud based recruitment and workforce management system.
- **Resource Planning Features:** Introduced advanced resource planning features that take into consideration employee availability and a flexible platform for generating and maintaining user shifts.

## Education

Tokyo University of Science, Shinjuku, Japan - Bachelor of Computer Science   Mar. 2011 - Aug. 2015

## Projects

### *AlphaBeacon*

[alphabeacon.us](http://alphabeacon.us)

AlphaBeacon is a Solana-native social and intelligence platform for traders, focused on wallet-based identity, alpha channels, community communication, and AI-assisted signal discovery.

As founder, Leading full-stack architecture, product strategy, protocol design, and user experience development for the Beacon App and \$ABC ecosystem.

### *Meteora AlphaVault Bundler*

Memecoin AlphaVault Bundler is a bundler launcher bot for Meteora that coordinates synchronized bundle launches memecoin with over 100 whitelisted wallets, integrating token vesting schedules for controlled distribution and optimized entry positioning.

### *VKing*

[uat.vkingplays.com](http://uat.vkingplays.com)

VKing Plays is an online casino and sports betting platform combining casino game experiences with real-time sports betting integrations.

Led full-cycle development across game logic, frontend flows, backend infrastructure, API integrations, and payment-related platform components.

### *ChainSwap App*

[chainswap.io](http://chainswap.io)

ChainSwap is a transformative platform designed to enhance interoperability in the Web3 ecosystem by enabling seamless, secure asset swaps across multiple blockchains.

Led Solana development team to implement intra-chain swap and CCTP integration.

### *HydraSwap*

[hydraswap.net](http://hydraswap.net)

HydraSwap is a multi-chain Web3 swap platform focused on secure, private, non-custodial digital asset swaps, liquidity aggregation, and cross-chain bridging.

Worked on Web3 product features including wallet connection, swap and bridge user flows, frontend/backend integration, and liquidity-routing related UX for multi-chain transactions.

### *Dramsky*

[www.dramsky.io](http://www.dramsky.io)

Dramsky is a whisky-focused Web3 project combining NFT ownership, real-world asset concepts, and Solana-based marketplace functionality.

Led development of NFT swap, rental, staking, and breeding-related smart contracts with Rust/Anchor, and

researched Solana NFT standards including pNFT, cNFT, xNFT, Token2022, and NFT Core.

### ***ShreddedApes***

[mytrainingapps](https://mytrainingapps.com)

Shredded Apes is a Web3 health and nutrition brand built around a Solana NFT community and related staking/utility features.

Built Anchor-based smart contract functionality and developed homepage, staking, and bootcamp features on Solana.

### ***BlazeSwap***

[blaze-swap.vercel.app](https://blaze-swap.vercel.app)

Participated in building DEX smart contract functionality with CosmWasm on Xion Network and supported Solana swap/bridge integration.

Built and deployed the main DEX contract on Xion testnet and integrated Wormhole-based Solana bridge functionality.

### ***Blocksmith Labs Products***

[blocksmithlabs.io](https://blocksmithlabs.io)

Worked on Web3 product experiences connected to Atlas3, Mercury, SHIFT, and Raven, supporting NFT discovery, whitelist management, dynamic art generation, and gamified marketing flows.

## **References**

**John** *CEO, Whaleden*

<https://www.linkedin.com/in/jan-lochman/>

**Eshan** *CEO, Moduluc*

<https://www.linkedin.com/in/esalari>

**Harmy** *Co-CEO, Blocksmith Labs*

[twitter.com/ hcrypto](https://twitter.com/hcrypto)

**Rudy** *CTO, HydraSwap*

[twitter.com/rudiyardley](https://twitter.com/rudiyardley)

**Filip** *CTO, ChainSwap*

[twitter.com/0x Filip](https://twitter.com/0x_Filip)