

Sheraz Haider

Senior Blockchain Engineer | RWA Tokenization & Custody Systems | Full-Stack Web3

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EXPERIENCE

KresusLabs — Senior Blockchain Developer

Oct 2023 - PRESENT

- Led technical design and implementation support for digital asset custody and WaaS capabilities, including policy-driven transaction workflows, signing boundaries, and multi-chain integration patterns.
- Designed custody and key-management models (HSM/KMS/MPC approaches) to support enterprise security and operating model decisions for institutional digital asset products.
- Delivered RWA/tokenization workflows on Canton (e.g., tokenized deposits or MMF-style assets), including mint/burn, DvP-style settlement orchestration, and participant integration patterns.
- Architected and shipped an EIP-4337 Account Abstraction wallet stack (smart accounts + paymaster/bundler flows), focusing on secure transaction lifecycle and UX.
- Experienced with developing smart contracts on 4337 standard using Solidity for EVM Chains.
- Experience with integrations of multiple blockchains, including EVM and non-EVM chains like Solana.
- Development of RESTful APIs using NodeJS, Relational Databases like Postgres, and Non-Relational Databases like DocumentDB/MongoDB.
- Experience with building an in-house indexer for custom data needs.
- Integration of 3rd party APIs for payment processing like Stripe, and other communication APIs like SendGrid and Twilio.

Jadu — Frontend Web3/Blockchain Developer

MAR 2022 - NOV 2023

- Development of [Jadu.AR](#) website that beautifully showcases the brand's vision.
- Built [Jadu Homepage](#) a portal website for a successful mint event of [Jadu AWA](#) NFTs and to manage other Jadu Assets.
- Lead the development of the Web and Blockchain related products for [Jadu AWA NFTs](#) collection
- Developed Jadu Parts & Services a website for Jadu asset holders to stake their Jetpack and Hoverboards NFTs and get upgrades in return
- Developed custom staking contracts.
- Website deployments on AWS EC2 instances and static websites on S3 buckets.

Cointelegraph — Frontend Developer (NuxtJs | VueJs)

MAR 2021 - MAR 2022

- Work on the main website product (cointelegraph.com) to maintain and

SKILLS

EVM, Solidity, Smart Contracts, ERC-4337, Ethers.js, Hardhat, NodeJS, Express, REST Apis, MongoDB, GraphQL, TailwindCSS, CI/CD, Github Actions, Docker, VPS servers, Deployments.

ABOUT

Senior Blockchain Engineer with 5+ years in full-stack JavaScript and 3+ years in Web3, specializing in AA (EIP-4337) wallets, multi-chain integrations (EVM + Solana), and RWA/tokenization platforms on Canton. Experienced in designing secure transaction/signing flows, building orchestration + reconciliation services for on-chain/off-chain consistency, and delivering production systems on AWS with CI/CD. Strong collaboration with product, compliance, and security stakeholders in regulated environments.

LANGUAGES

English – Conversational

Urdu – Native

add new features to it.

- Develop and maintain the CMS and Ads management system for the website.
- Use different tools like Laravel, NuxtJS, VueJS, and GraphQL to develop the product.
- Work with teams based in different time zones.

EDUCATION

COMSATS University, Islamabad — *BS Software Engineering*

JUL 2015 - JUL 2019

Completed my Graduation in Software Engineering securing a 3.46 CGPA out of 4

PORTFOLIO

 **Sheraz Haider's Portfolio**