

# Viraz Malhotra | Senior Smart Contract & Backend Engineer

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With a 7-year track record in **software engineering experience** and **6 years of experience** building and shipped **DeFi and Infra related smart contracts to production** with **100% test coverage**, **multiple audits managing \$100M in TVL in peak overall** and led multi-firm audit processes and **shipped protocol upgrades at projects like fuel labs, instadapp, juicebox dao, shell protocol**. I also have experience as a security researcher participating in audit contests and doing private audits in the Ethereum and Solana Ecosystem.

## Key Achievements

- Engineered **Fuel Bridge core contracts** between Fuel Chain and Ethereum, **managing around \$80M in TVL at peak** since Fuel Mainnet Launch in January 2025.
- Served as a lead contributor and engineered core DeFi protocol contracts across different projects, securing **\$100M TVL at peak overall post-launch across Ethereum Mainnet, Arbitrum, Polygon and Celo**.
- Led protocol development for a decentralised social network dapp **driving millions in transaction volume to around 2M..**
- Got selected in **75 fellows from over 2000 applicants for a Solana Security Bootcamp**.

## Technical Skills

- **Programming Languages:** Solidity, Typescript, Javascript, Rust
- **Development:** Forge, Anvil, Cast, Hardhat, Truffle, NodeJs, EthersJs, Web3Js, ReactJs.
- **Monitoring:** Tenderly, Forta, the Graph, Github actions, Hexagate
- **Security analysis:** Slither, Trail of Bits Claude Code Skills
- **AI Tools:** Claude Code, Codex

## Experience

### [Camp Network](#) | Senior Smart Contract Engineer | June 2025 – Dec 2025

- Built and shipped core protocol components including [staking](#) and [proof-of-provenance/IP royalty infrastructure](#)
- Wrote the **bridge (integrated with Layerzero) contracts** for the mainnet launch which managed around **\$1M n TVL at peak** within the **first 2 months** of launch.

### [Fuel Labs](#) | Senior Smart Contract Engineer | August 2024 – March 2025

- Shipped the [fuel bridge](#) and rollout contracts with [\\$80M in TVL at peak](#)
- Built a **comprehensive end-to-end integration test suite using Docker** to simulate off-chain infrastructure and validate burn/mint bridge flows and **implement an automated backend service for staking rewards**
- Helped launch infrastructure that reached **\$70M–\$80M TVL within days of going live**.

### [Shell Protocol](#) | Senior Smart Contract Engineer | February 2023 – July 2024

- Led smart contract and protocol engineering for a [configurable AMM platform](#) supporting multiple models **including constant sum/product, concentrated liquidity, and auction-style mechanisms** as part of the v2 version.
- Led smart contract and protocol engineering for the [v3 version](#), integrating major **DeFi protocols such as Aave, Uniswap, Aerodrome, Pendle and more** into a unified user experience with cross-chain swap/bridge infrastructure and customized routing logic to improve execution efficiency **using Debridge and Odos**
- Helped scale the protocol to **\$50M peak TVL**

### [Security Researcher](#)

- Got selected in **top 75 fellows out of 2000** for [rektoff solana security bootcamp](#) and [graduated](#) as well
- Participated in a team in multiple audits at [code4rena](#)
- Ranked [6th in euler cantina contest](#) and conducted a few [private audits](#)

### [HaloFi](#) | **Lead Blockchain Engineer** | August 2021 – November 2022

- Shipped 2 protocol versions across [Polygon and Celo](#), with integrations into **Aave and Curve strategies**
- Co-founded and **led protocol engineering for a gamified DeFi product**, initially as a solo builder, later managing an additional developer and also worked on **subgraph development**.
- Grew the product to **\$10M–\$20M peak TVL**, targeting underserved smaller depositors with tailored product design

### [Frontier](#) | **Blockchain Developer** | August 2020 – July 2021

- Responsible for Unifront Development, the backend engine that supported the mobile dApp
- Developed the complete smart contract architecture including proxy contracts with gasless txs

### [Syncrasy Tech](#) | **Blockchain Developer** | July 2019 – July 2020

- Worked on private **Blockchain frameworks like R3 Corda and Hyperledger Fabric**.
- Worked on creating Node JS REST api's for a centralized exchange.

### [Fidelity International](#) | **Graduate Programmer** | July 2018 – July 2019

- Worked on creating java spring boot microservices.
- Developed an in-house R3 Corda blockchain dApp used in production.

## Open-Source/Freelance Contributions

### [Hyperlend](#) | **January 2026**

- Delivered a testnet vault integration on Hyper EVM that routes capital through a bridge into HyperLiquid vault infrastructure for boosted yield.

### [Orb Club](#) | **July 2024**

- Shipped multiple smart contracts with tx volume in millions post launch

### [Juicebox DAO](#) | **August 2023**

- Contributed in shipping multiple crowd funding related smart contracts

### [BuidlGuidl](#) | **May 2022**

- Developed multiple web3 dev tools and dApps

### [Instadapp](#) | **October 2019 – December 2019**

- Worked on creating **smart contract connectors to do complex DeFi operations** in a single tx
- Worked on backend DeFi related api's.

## Projects

### [Invite Markets](#) | **Next JS** | **December 2025**

- A platform to sell app based invites using x402 and a Ethos Network for reputation verification

## Hackathons

### [Devconnect](#) - **Multiple Bounty Winner** | **November 2025**

- Built ZK proof as a service powered by x402

### [Devcon](#) - **Multiple Bounty Winner** | **November 2024**

- Built Commit a event app with staking mechanism for registrations in order prevent no showups

### [ETHGlobal Brussels](#) - **Multiple Bounty Winner** | **July 2024**

- Built Medical DA for verifiable medical records for calculating insurance premiums

### [Devconnect](#)- **Multiple Bounty Winner** | **November 2023**

- Built Defi Omni Dapp to interact with popular DeFi protocols from a single interface

## Education

- Bachelors of Engineering in Computer Science | Northcap University | 2014 – 2018

