Prince Yadav

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Full Stack Blockchain Developer specializing in Solana dApps, smart contracts, data indexing and Web3 integrations.

Experience

Merkle Labs, *Solana Developer* | Remote, UAE   *Sept 2025 - Jan 2026*
- Developed Solana programs for **LetsLaunch.xyz** & **Slerf**, implementing dynamic bonding curves and **CPI integrations** with **Meteora** & **Raydium**.
- Engineered end-to-end TypeScript test suites using **Surfpool** to validate contract logic and math for localnet, Devnet and Mainnet deployments.
- Integrated **Shopify** with Solana via **Privy** (wallet adapter) and **Helio** (payment gateway) to build a seamless marketplace UX.

xFractal, *Blockchain Developer* | Remote, Spain   *July 2025 - Sept 2025*
- Architected and optimized secure, scalable smart contracts and blockchain monitoring tools.
- Developed **gRPC-based indexers** for Pumpfun, LetsBonk, & other major launchpads to stream real-time data to a high-frequency Trading Terminal.
- Enhanced trading infrastructure using **Laserstream RPC** and **Protocol Buffers** to achieve ultra-low latency data processing.

Turbin3, *Web3 Builders Cohort* | Remote, US   *Jan 2025 - July 2025*
- Developed and deployed multiple Solana programs using the **Anchor Framework** with comprehensive **TypeScript** integration tests.
- Completed the cohort by architecting 10+ smart contracts, culminating in a custom **Bonding Curve** implementation as a capstone project.

Corepeelers, *Full Stack Developer Intern* | Noida, India   *Sept 2024 - Nov 2024*
- Developed a full-stack web application utilizing **Next.js (TypeScript)** for the frontend and **Express.js** for the backend REST API.
- Designed and implemented a complex **PostgreSQL** database schema, optimizing data integrity and query performance via extensive SQL scripting.

Founded Projects

retweet.fun | An attention capital market on Solana   🌐 Website   ◼️ Demo Video
Founder & Lead Developer
- Integrated **Meteora Dynamic Bonding Curve Pools**, allowing influencers to launch markets with automated liquidity and seamless trading.
- Implemented a secure **escrow mechanism** enabling users to redeem tokens for influencer actions such as retweets, posts, and follows.
- Developed a fully on-chain marketplace bridging the **attention economy and tokenized trading**, showcased via **Superteam**.

Live24.fun | All-in-one platform for AI Agents, streaming, and token launches   ◼️ Demo Video
Founder & Lead Developer
- Awarded **2nd place** in the **Sonic Mobius Hackathon**, securing **$50,000** in funding for **Sonic blockchain** integration.
- Engineered Anchor programs for **bonding curves, token minting, and swaps**, featuring **CPI integrations** with Raydium and Sega.
- Built a full-stack architecture using **Next.js**, the **ElizaOS** AI framework, and **Anchor/Web3.js** for on-chain interactions.

Orbis AI | Decentralized data labeling platform for AI   ◼️ Demo Video
Founder & Lead Developer
- Secured a **$10,000 grant** from the **Solana Foundation** and **CoinDCX** to develop a decentralized task-economy on Solana.
- Architected and deployed **Anchor programs** for token-based staking, decentralized dispute resolution, and reputation scoring.
- Developed a **Next.js** interface with real-time WebSocket updates and integrated **Solana-Web3.js** for secure transaction signing.

Education

7.0/10	**BTech in Electronics and Communication Engineering**, *Galgotias College of Engineering and Technology* | Greater Noida, India

Skills

Languages	Rust, JavaScript , TypeScript, Python, C++, Solidity
Frameworks	Anchor, Pinocchio, ReactJS, NextJS, ExpressJS, NodeJs Eliza(AI Agent)
Blockchain	Solana, Web3, Data-Indexing, gRPC, Solana-Web3Js, DeFi, NFTs, Cryptography, Bonding Curves, SDKs(Pumpfun, meteora)
Tools	Surfpool, Docker, Git, Prometheus, Jest, PostgreSQL, MongoDB
DevOps	Nginx, AWS EC2, AWS ECS, CI/CD-Pipelines

Smart Contracts

Token Launchpad	Launch and trade tokens via a bonding curve, with DEX migration	ⓞ Github
NFT Marketplace	List, delist, and purchase of NFTs with built-in incentive mechanics.	ⓞ Github
Algorithmic Stablecoin	Collateral-backed stablecoin with mint, redeem, & automated liquidation.	ⓞ Github
AMM Contract	On-chain liquidity provisioning, LP token issuance, & token swap.	ⓞ Github
Escrow Contract	Provides secure, programmable escrow for asset exchanges.	ⓞ Github
Staking Program	Unified staking of NFTs, SOL, and SPL tokens with reward distribution.	ⓞ Github
Vault Contract	Secure vault for locking and unlocking SOL with access controls.	ⓞ Github

Projects

WEB-3 HD Wallet   ⓞ Github   🌐 Website
A web-based HD wallet supporting Solana and Ethereum blockchains
- Developed a secure HD wallet with 12-word seed phrase generation and recovery, multi-network fund management (transfer, fetch, airdrop), and a responsive React + Aceternity UI in collaboration with 100x Devs.

Solana-Betting DAPP ⊕ Website

A Decentralized Betting App built on Solana Blockchain

- Built a decentralized betting platform with a Rust-based Solana smart contract, integrated via Solana-Web3.js into a React frontend for secure, real-time, and transparent betting.

Object Counter

A computer vision-based object counter using YOLOv8 and OpenCV

- Designed an algorithm to detect and count 100+ objects in images using YOLOv8 and OpenCV.
- Implemented real-time object tracking, improving detection efficiency by 64%.
- Developed an inventory management model, increasing stock accuracy by 46% and reducing overstock by 28%.