

Divyesh Chandra

BACKEND & BLOCKCHAIN ENGINEER

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SUMMARY

Backend and Blockchain Engineer with 4 years of experience designing and operating large-scale exchange and blockchain integration systems for crypto-native and DeFi platforms. Specializes in transaction ingestion, on-chain reconciliation, and event-driven backend architecture across EVM, Solana, and other major chains, with deep exposure to DApp, DEX, and multi-chain protocol data. Skilled in Solidity, TypeScript, and Python, with hands-on experience in smart contract development, decentralized application integrations, and cloud-native infrastructure on Google Cloud Platform. Experienced in driving platform-wide data accuracy initiatives that directly support Web3 product retention and revenue, and in independently designing and shipping production DeFi analytics tools.

EXPERIENCE

Kryptos Software Development Engineer (SDE-1)

Sept 2023 – Present, Remote

Crypto tax and portfolio tracking platform

- Architected and owned the complete CEX and DEX integration layer, the system directly responsible for transaction accuracy and cost-basis correctness, supporting user retention and revenue across the platform.
- Built and maintained 50 plus exchange connectors spanning Binance, Coinbase, Kraken, Bybit, Bitget, and Hyperliquid, and extended blockchain coverage to EVM, Solana, Cardano, Sui, Aptos, ICP, and Monad, establishing one of the widest multi-chain data footprints in the crypto tax industry.
- Implemented OAuth-based account linking for Coinbase, Kraken, Bybit, Bitstamp, and Uphold, eliminating manual API-key entry and reducing the platform's largest source of onboarding drop-off.
- Delivered complete coverage of every account and trade type required by the market, including spot, isolated and cross margin, USD-M and USDT-M futures, earn, staking, savings, and P2P, normalizing each into a unified model that drives portfolio valuation and per-country tax reporting.
- Designed the CSV and XLSX import pipeline from the ground up, covering exchange-format auto-detection, parsing of every transaction type, normalization into a standard schema, and handoff to a Pub/Sub stage for pricing and report generation.
- Engineered an event-driven processing backend on Google Cloud Pub/Sub and Cloud Tasks, including an EVM spam-token detection service that executes incremental passes after every sync and full recalculations on demand across millions of records.
- Resolved missing balance and transaction discrepancies platform-wide by auditing exchange API documentation for data gaps and reconciling on-chain activity against public explorers by wallet address.
- Directed the migration from a fragmented multi-repo Firebase and Firestore stack to a single Turborepo monorepo on PostgreSQL, redesigning the schema for millions of transactions and structuring the codebase into well-bounded shared packages.

DFrame Foundation Software Engineering Intern

Sept 2022 – Sept 2023, Remote

Early-stage Web3 data startup

- Built and delivered the Reward Engine end to end, an ERC-20 token system on Polygon that compensated users in DFT for data contributions, writing the contracts in Solidity with OpenZeppelin and validating the full mint-and-distribute flow in Hardhat against MetaMask.
- Owned the off-chain distribution engine, including token-distribution logic and data pipelines built on Web3.py, Apache Kafka, and MongoDB, engineered to capture, queue, and settle every contribution on-chain without loss.
- Developed the Referral and KYC verification APIs on the MERN stack alongside the React frontend used for claiming rewards, integrating both directly into the on-chain distribution flow.
- Deployed a production IPFS node with AES encryption, keeping user-generated data encrypted off-chain while on-chain references remained fully verifiable.

SELECTED PROJECT

HyperBlitz hyperblitz.xyz (live)

Real-time explorer for the Hyperliquid L1, built solo from scratch. Search any wallet or transaction hash and watch live positions, PnL, trade history, funding rates, and open interest update on-chain, powered by a client-side pipeline over REST and WebSockets with rate limiting and event deduplication for sub-second latency. *Next.js, TypeScript, Hyperliquid API, WebSockets, Tailwind.*

SKILLS

Languages	TypeScript, JavaScript, Solidity, Python
Blockchain	EVM chains, Solana, Cardano, Sui, Aptos, ICP, Monad, Hyperliquid, DeFi, DApps, smart contracts, Layer 2, prediction markets, copy trading
Exchanges	spot, futures, isolated and cross margin, earn, order books, liquidations, transfers, CEX and DEX integrations, OAuth account linking
Backend	Node.js, Express, REST, GraphQL, WebSockets, event-driven architecture, Pub/Sub, microservices, system design
Cloud & data	PostgreSQL, MongoDB, Redis, Firestore, Supabase, IPFS, Kafka, Docker, GCP (Cloud Run, Compute Engine, Pub/Sub, Cloud Tasks, Artifact Registry), GitHub Actions, CI/CD
Web3 tooling	Hardhat, OpenZeppelin, Web3.py, ethers, MetaMask

EDUCATION

B.Tech, Computer Science and Engineering

2019 – 2023

Bharati Vidyapeeth's College of Engineering, Delhi, CGPA 8.2