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Darvin Raj P

Onchain and DeFi Research Analyst

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Onchain Researcher and Analyst proficient in Python, SQL, JavaScript; Expertise in dealing with Ethereum, NEAR, Cosmos, Algorand and Solana blockchain data; skilled to analyse and visualize the said data.

SKILLS

Technical Skills	Technical Research, EDA, Visualization, Pipelines, Automation, Dashboards, Googling, On-chain sleuthing
Tools	Dune, Superset, DBT, Flipside, AWS, Pandas, Matplotlib, Linux, Web3.js, MS Office, ZohoAnalytics
Programming Languages	Python, SQL, Solidity, Vyper, JavaScript, Typescript, Java, GraphQL, LaTeX, HTML+CSS
Protocols	Uniswap, Sushiswap, Curve, Lido, Anchor, Ribbon, EVM bridges, AAVE, NEAR

WORK EXPERIENCE

Research Lead and Data Analyst Nov 2022 — current
Full-Time PYOR

- Acting Lead Consultant on Onchain Data and DeFi.
- Led the Analyst team in building the v1 and v2 of PYOR Data Dashboards and Reports
- Building and Management of Quickswap dashboards on Dune
- Led the Research and Analysis on Onchain Activity in the Tezos Report
- Constructed a parity-check algorithm to compare two Databases without API support.

Data Analyst Mar 2023
Part-Time Freelancer Bond Protocol

- Built the Bond Protocol dashboard on Dune for Ethereum and Arbitrum deployments.

Data Analyst Oct 2022 — Mar 2023
Part-Time Freelancer RociFi

- Built and Maintained 8 KPI Dashboards monitoring Credit Protocol health and Lending on Dune Analytics.
- Augmented User research based on Activity overlap with other protocols and quantifying deposit lengths for liquid vaults.
- Built and Maintained Master table on Loans, aggregating and combining data across 10 RAW and decoded tables

Research Analyst Oct 2022
Consultant Leap Wallet

- Created custom algorithm to generate randomized wallets on Landing Page to convey utility
- Led Research and Documentation of API and parsing blockchain data for NEAR Dashboard v1
- Documented Data Structure on NEAR blockchain, to leverage Flipside Data for analytics

PROJECTS

Raft Governance, Hobby Jun 2023 — current

- Active participant in new collateral onboarding governance into Raft Protocol
- Manages Dune dashboards on vital metrics and ETH derivative health

GhostHunter, Metrics DAO project Aug 2022

- Built a transaction explorer similar to Etherscan, but only for AAVE transactions and users.
- Queries theGraph AAVE subgraph and displays historical activity and current position of users

Hyphen Bridge Dashboard, FlipsideCrypto project Aug 2022

- NextJS Web-app to track metrics of the HyphenBridge by Biconomy
- Queries FlipsideCrypto database with their SDK and populates data from 6 chains

LUNA Arbitrage Web App, Hobby project Feb 2022

- Aggregated all LUNA Derivative arbitrage opportunities on Terra Blockchain under one Web-App
- Users could Swap and Recover the derivative underlying in a single click instead of browsing multiple web-apps

EDUCATION

Master of Science - Physics (Astronomy and Astrophysics) Jun 2019 — Jul 2021
Christ (Deemed to be University), CGPA: 8.52/10 Bengaluru

Bachelor of Science - Physics, Mathematics, Electronics Jun 2016 — Apr 2019
Christ (Deemed to be University), CGPA: 8.92/10.00 Bengaluru