Nick Carpinito | Fayetteville, AR

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EXPERIENCE

Mycelium Networks — *Head of Ecosystem* – ***May 2021 – Present***

- Oversaw the launch of the **Mycelium Testbed**, a 1600+ SqMi incubator and accelerator for decentralized physical infrastructure networks (DePINs), enabling large-scale deployments of hardware and solutions.

- Led ecosystem partnerships with industry leaders such as Helium and IoTeX, as well as emerging projects like XNET and Wayru.

- Conducted comprehensive due diligence and market analysis of decentralized infrastructure projects, supported partners throughout their journey, and developed a robust database to track DePIN projects.

- Developed an automated internal backend system to collect and process data from both on-chain and off-chain sources, streamlining research and analysis efforts.

- Built, deployed, and maintained a fleet of bare-metal servers for mining, validation, and running various decentralized protocols.

- Member inaugural cohort of the Bounds Accelerator, backed by Coinbase Ventures and Haun Ventures.

Unleashing DePIN — *Head of Research* – ***Jan 2023 – Present***

- Curated a pipeline of **DePIN industry projects** and emerging founders for Unleashing DePIN, spotlighting key innovators and new ventures.

- Conducted due diligence on featured projects, ensuring reliable and valuable insights for investors and the broader audience.

- Built **DePIN Pulse**, an aggregator showcasing earnings opportunities across DePIN protocols, including APYs, ROIs, staking, mining hardware, and compute resources.

- Provided direct oversight of business development, onboarding, and partnerships, driving growth and adoption across the DePIN ecosystem.

EDUCATION

University of Arkansas — *Information Systems B.S.B.A with Blockchain Enterprise Systems Concentration* – ***Fall 2019 – May 2023***

- Coursework in core blockchain primitives such as Hyperledger, Ethereum & the EVM, Open Zeppelin, Bitcoin & UTXO

- Independent Study surrounding operation of blockchain nodes on IBM z16 Mainframe architecture

- Founder, UARK Crypto Club

- Community Contributor, OZDAO

VOLUNTEERING
IoTeX DePIN Surf Accelerator — *Mentor*

- Developed informational content surrounding the design and development of DePIN Hardware for reference by cohort companies.

- Contributed to "Decentralized Physical Infrastructure Networks: A Modular Infrastructure Thesis" report alongside the DePIN community and IoTeX team.

PROJECTS
Eclipse XRAY — *Community Award Winner*

- Awarded the Total Eclipse Challenge Community Award for Eclipse XRAY – the first community-built explorer for the Eclipse ecosystem, enabling native block exploration powered by public RPCs.

CHRG — *Decentralized EV Charging Protocol*

- Won 2nd Place in the Razorblock Blockchain Hackathon with CHRG, a decentralized protocol for electric vehicle (EV) charging infrastructure.

SKILLS
Software Development – Git, TypeScript/JavaScript, React, NextJS, Express, Web3.js, Docker, Nvidia, REST APIs, MongoDB, SQL, Vercel, Railway

Analytics – Dune Analytics, Flipside Crypto, Native Blockchain RPC Queries

Research – Quantitative Analysis, Web Scraping, Project & Founder Due Diligence, Technical Documentation & Reports

Niche – IoT Sensors, RF Environments, Server Hardware, LoRaWAN