



Blockchain development company that turns ideas into reliable solutions.

Who we are

NodeFactory is an R&D company founded by proficient engineers that realized what Web3 can bring to the world and decided to help other companies become a part of it.

We are committed to developing new technologies and leveraging them to make better applications worldwide.

A team of multidisciplinary experts that can help you:

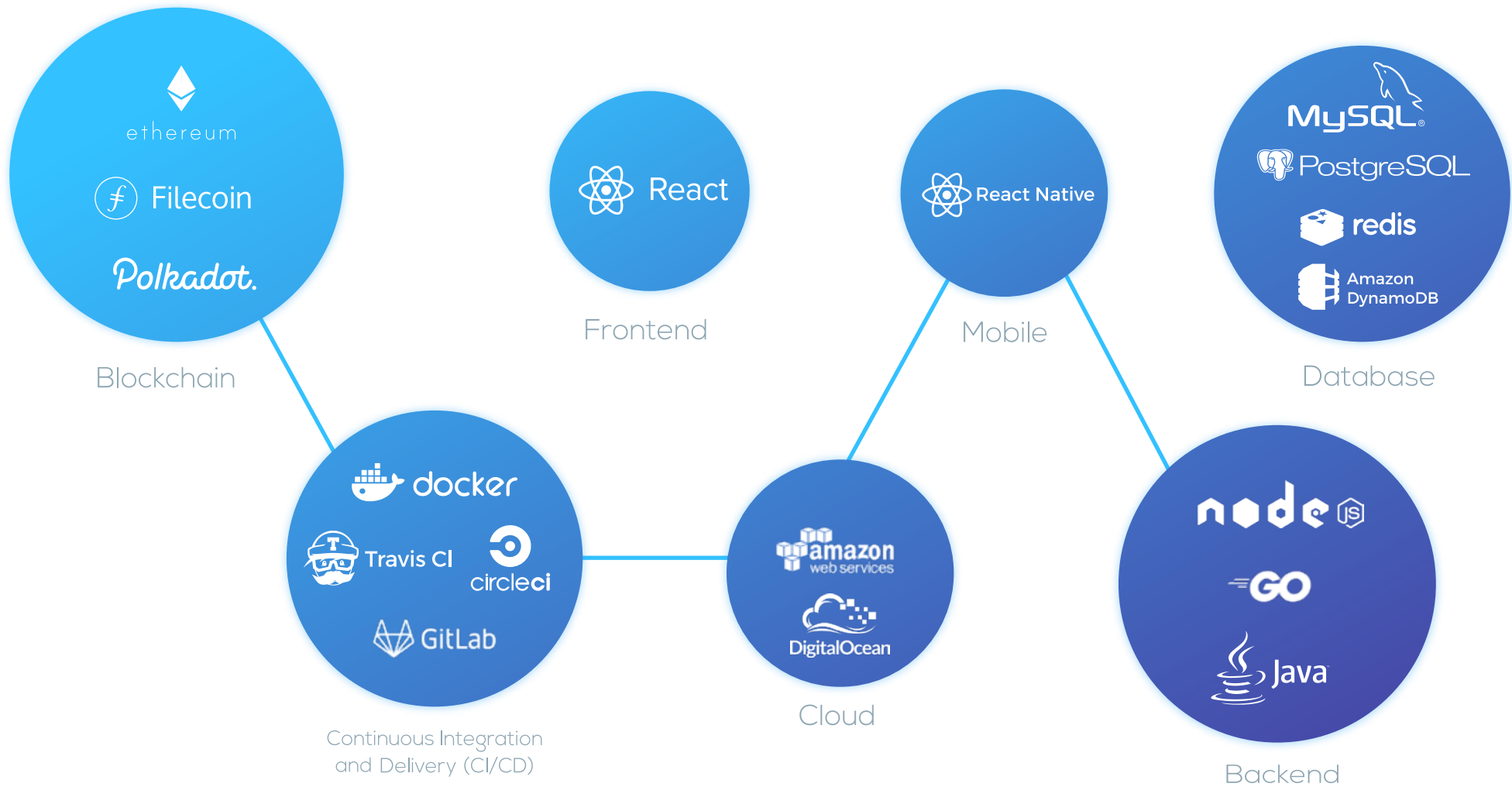
- build infrastructure and better tooling
- develop a complete web or mobile scalable solution backed by any DLT
- accelerate blockchain adoption and integrate Web3 into existing systems



Members of Association for blockchain and cryptocurrency (UBIK)

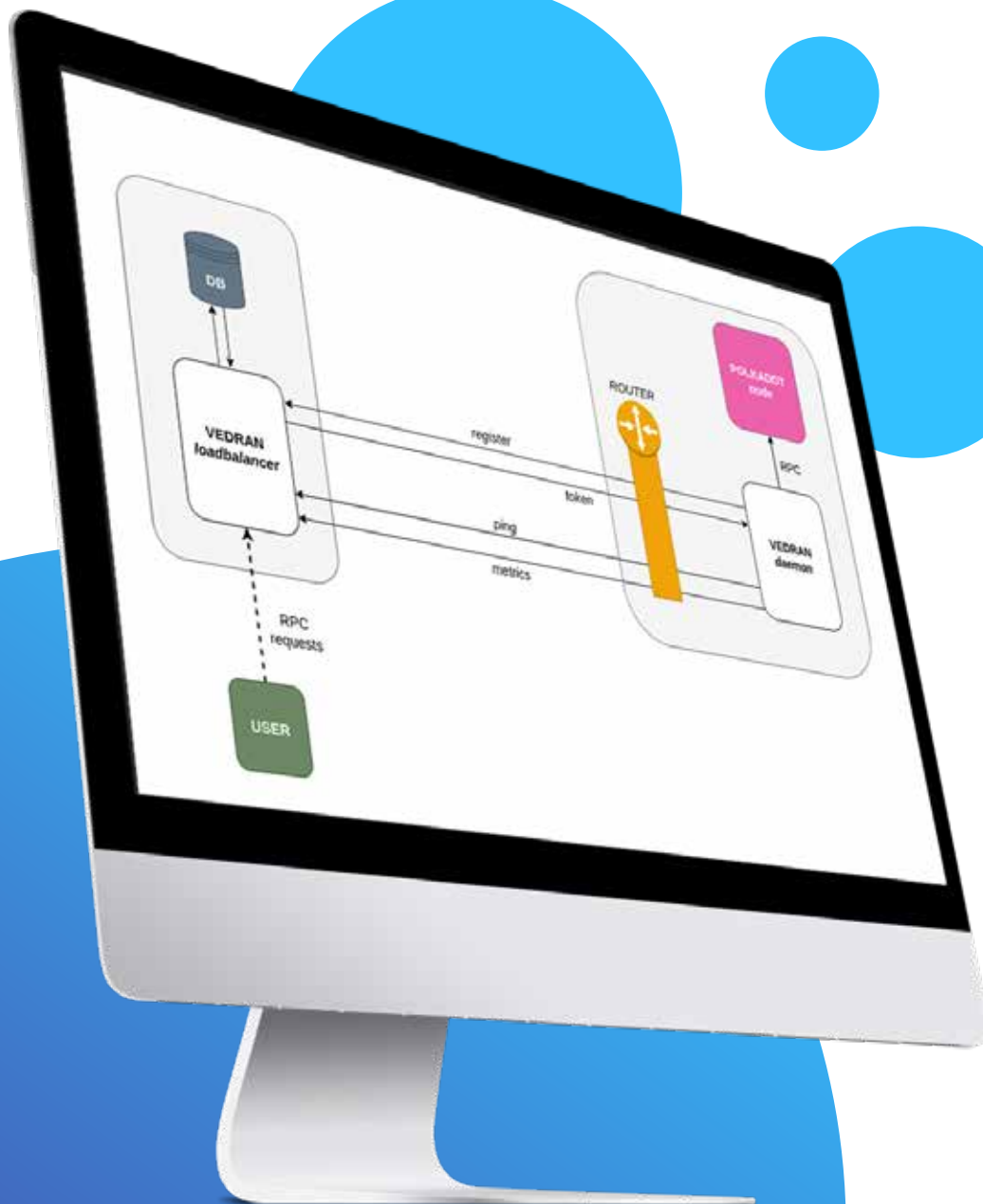
Technology

We are experienced in the following technologies



We love open source.

Check [Github repository](#) for our contributions!



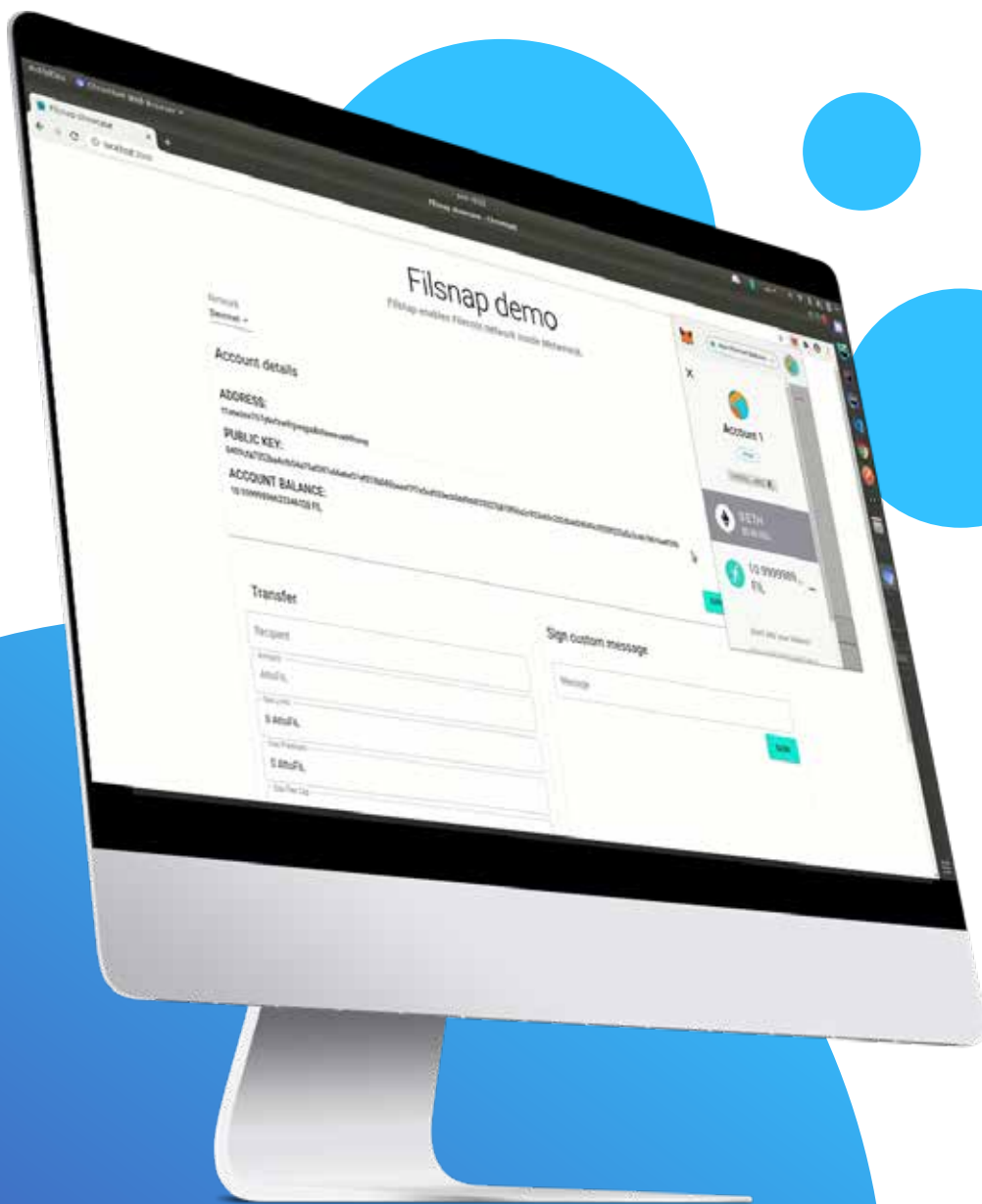
Vedran

Auto-funded public **P2P** infrastructure for the **Polkadot** and, specifically, **Kusama** ecosystem.

Vedran incentivizes people to run full and archive nodes at home, **without relying on cloud servers** and centralized points of failure.

This work included development of a load balancer that assigns an incoming connection request to a node in its pool, load balancer's daemon background process, payout script and a dashboard (explorer) that displays output stats for all nodes.

PREVIEW



FilSnap

Plugin for **MetaMask browser wallet** that enables interaction with **Filecoin** apps.

This plugin brings interoperability between Ethereum and Filecoin as users of the most famous Ethereum wallet MetaMask can interact with Filecoin apps without installing any additional tools. This was possible due to MetaMask's **Snaps** architecture.

Deliverables of this project were Filecoin snap itself and an adapter (NPM library) that enables dapp developers easy integration and wallet communication.

PREVIEW

ChainGuardian

All in one tool for Ethereum 2.0 validators.

Cross-platform desktop application for validators on the new Ethereum proof of stake (POS) network.

We've removed the complexity of running multiple processes into one single app.

With easy onboarding of becoming a validator, managing deposits and **analytics** this app is a game changer for staking systems.

PREVIEW





BLANK

Blockchain art network platform for artists, curators and collectors.

We helped BLANK to put their ideas into a working product which can benefit artists making digital art.

The work included development of Ethereum smart contracts and frontend integration for creating **ERC721 tokens** (collectibles). Introducing IPFS as a storage for the metadata achieved the goal of making a **completely decentralized** app. An innovative approach was used for art representation using **encryption with wallet identity**.

With indexing of smart contracts data **50% faster loads and search queries** were achieved.

PREVIEW



Crypto stamps

Croatian Post's first edition of stamps called Postereum that are represented as **NFT (ERC721)** tokens on the Ethereum network.

We have helped **Croatian Post** in a new territory where analogue stamps were connected with their digital parts, holding even more collective power. Each printed stamp contained a paper wallet that can be used to claim NFT on Post's website using **Merkle airdrop proofs**. A big part in the sales also played an **interactive web shop** that supported **crypto payments** where all limited stamps were sold within a day!

Our work included preparing the stamps for print, UI/UX design, development and production deployment of NFT smart contract, backend API and frontend app.

PREVIEW



Open source contributions

- libp2p noise

Noise libp2p handshake for js-libp2p.

- fastify-sse-v2

Fastify (Node.js framework) plugin for sending server-sent events.

- web3-server-wallet

Implementation of wallet service that's supposed to run on backend.

- Goerli blockchain explorer

Lightweight blockchain explorer for a private network or in this case Goerli testnet.

- Collaboration on Lodestar

Our CTO is a core contributor to Ethereum 2.0 Typescript client.

Testimonials



Matthijs de Vries

Co-Founder, AllianceBlock

"They have a variety of skills and possess insights regarding a wide array of subjects."



Smart Contract Development
for Investment Platform



John Potter

Project Manager, Novo

"NodeFactory felt like a natural part of the team from the beginning."



Development of
Blockchain Marketplace

Clutch

[VIEW MORE REVIEWS](#)

Where to find us

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Tell us more about your project!
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