Your Docusaurus site did not load properly.

A very common reason is a wrong site **baseUrl configuration**.

Current configured baseUrl = / (default value)

We suggest trying baseUrl = **/D:/Desktop/whitepapers/whitepapers_html/whitepapers/01542_AZTEC_Aztec.html/**

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Aztec Documentation

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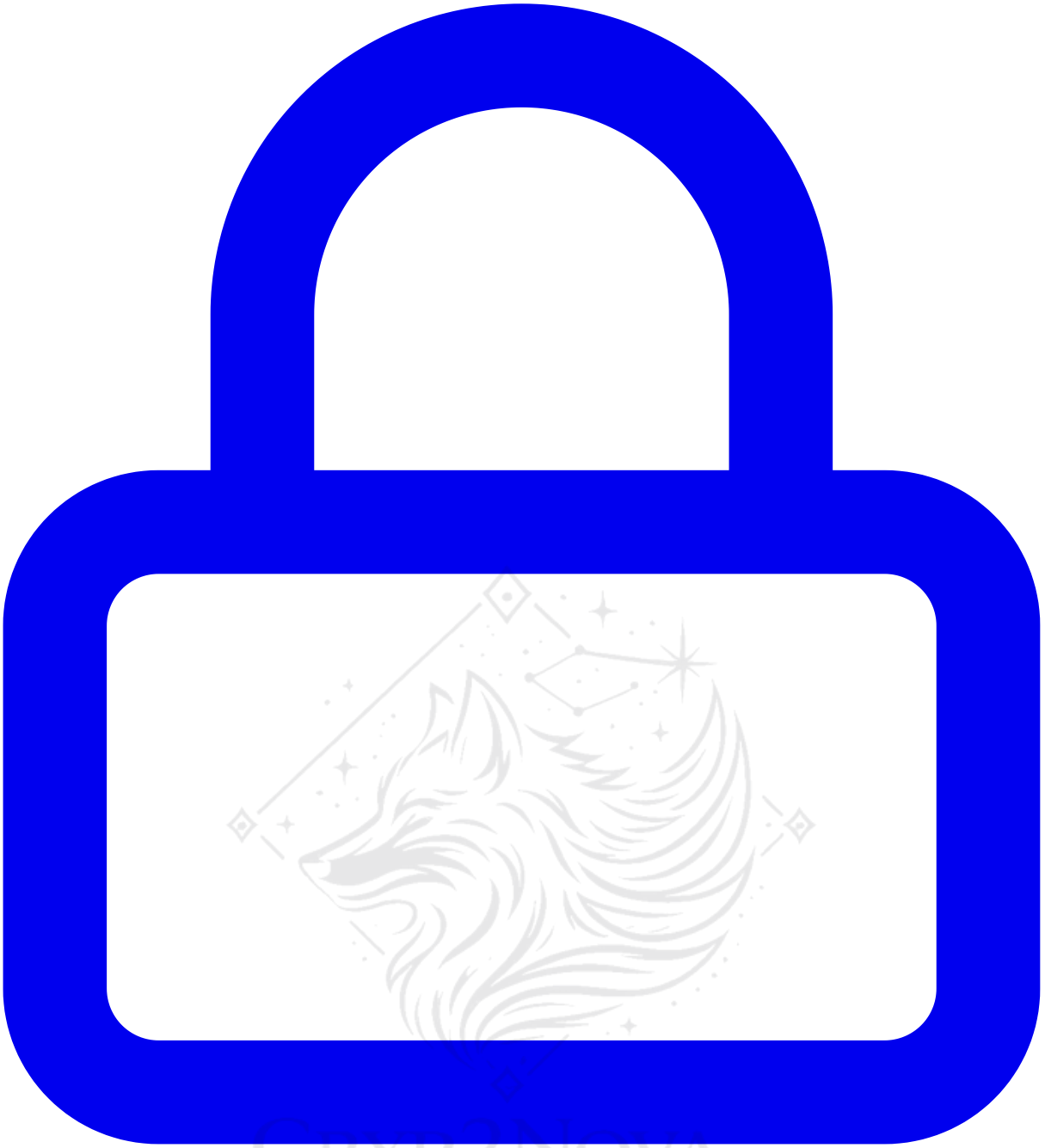
Build private smart contracts on Ethereum's leading privacy-first L2 zkRollup.

Start BuildingRun a Node

What is Aztec?

Aztec is a **privacy-first Layer 2** zkRollup on Ethereum. While Ethereum makes everything publicly visible, Aztec brings privacy to smart contracts, enabling confidential transactions and private state. Aztec is *not EVM compatible* and extends the Ethereum ecosystem with a new privacy-preserving virtual machine. To learn more about how Aztec achieves privacy, check out the foundational topics.

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Private Functions

Execute and prove functions on a user's device, keeping logic and data confidential.

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Public Functions

Execute transparent operations in the Aztec Virtual Machine when visibility is needed.

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Private State

Store data as encrypted UTXOs that only the owner can decrypt and access.

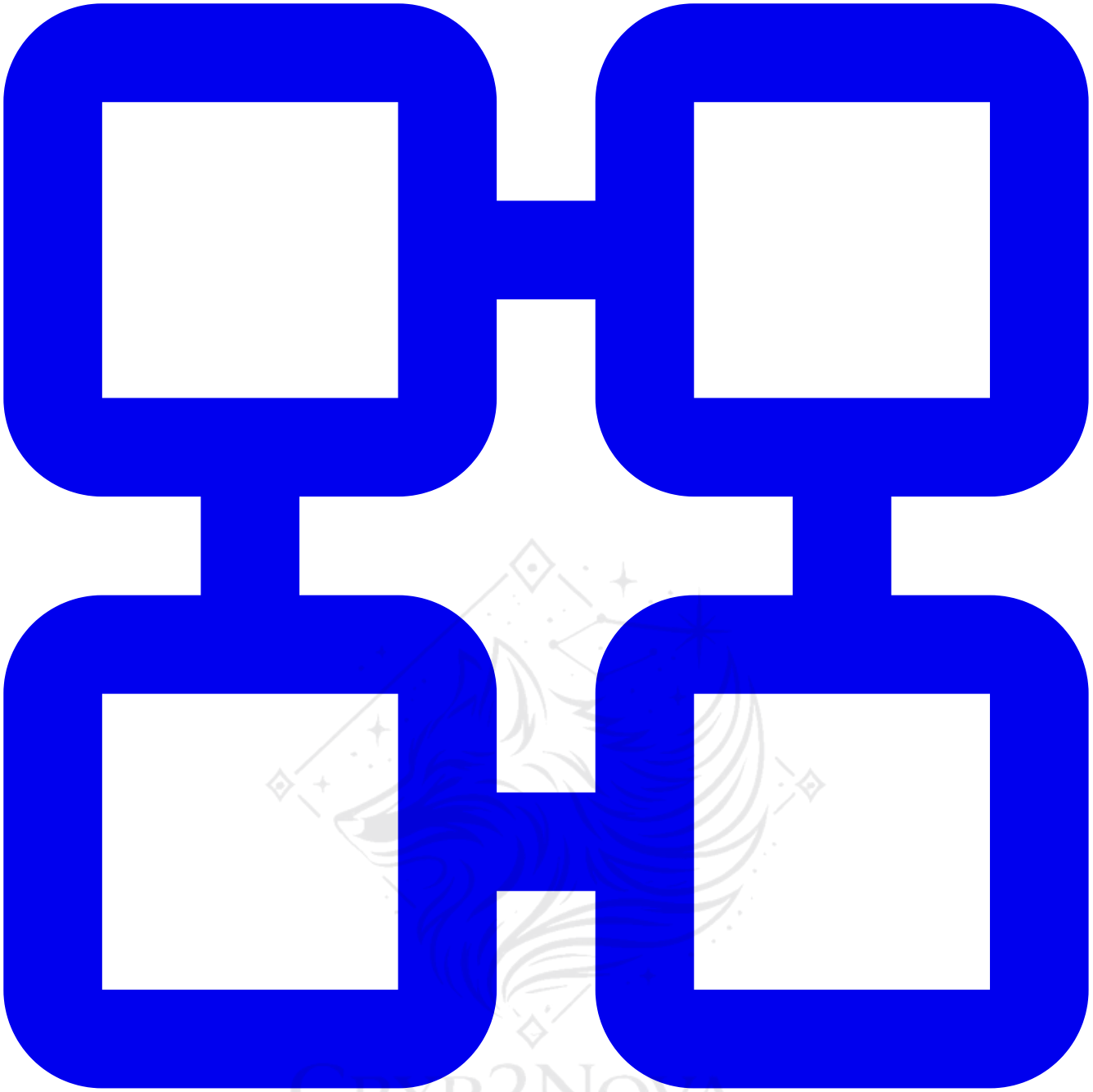
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Public State

Maintain transparent state in a public Merkle tree when required by your application.

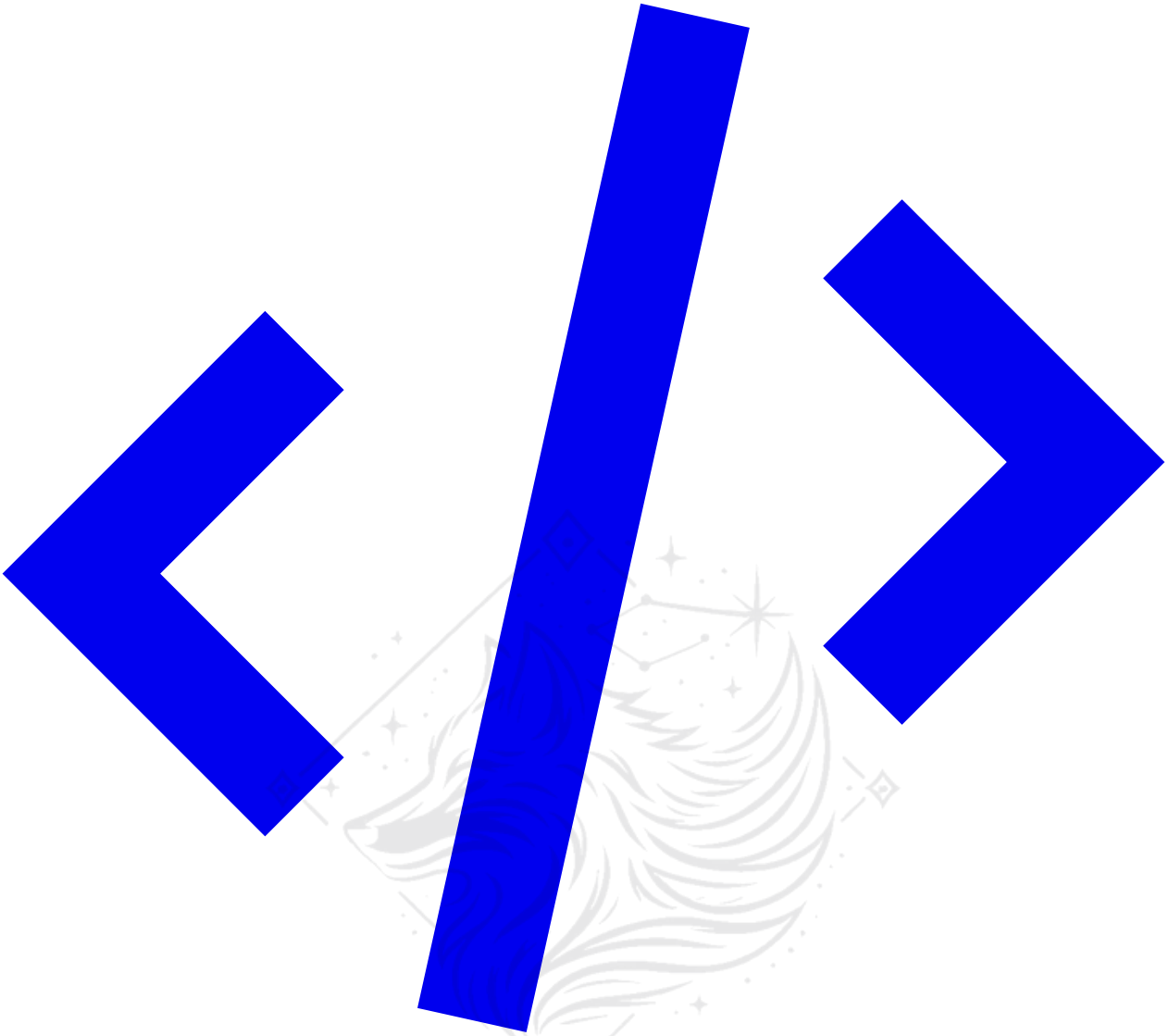
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Composability

Seamlessly compose private and public execution with private and public state.

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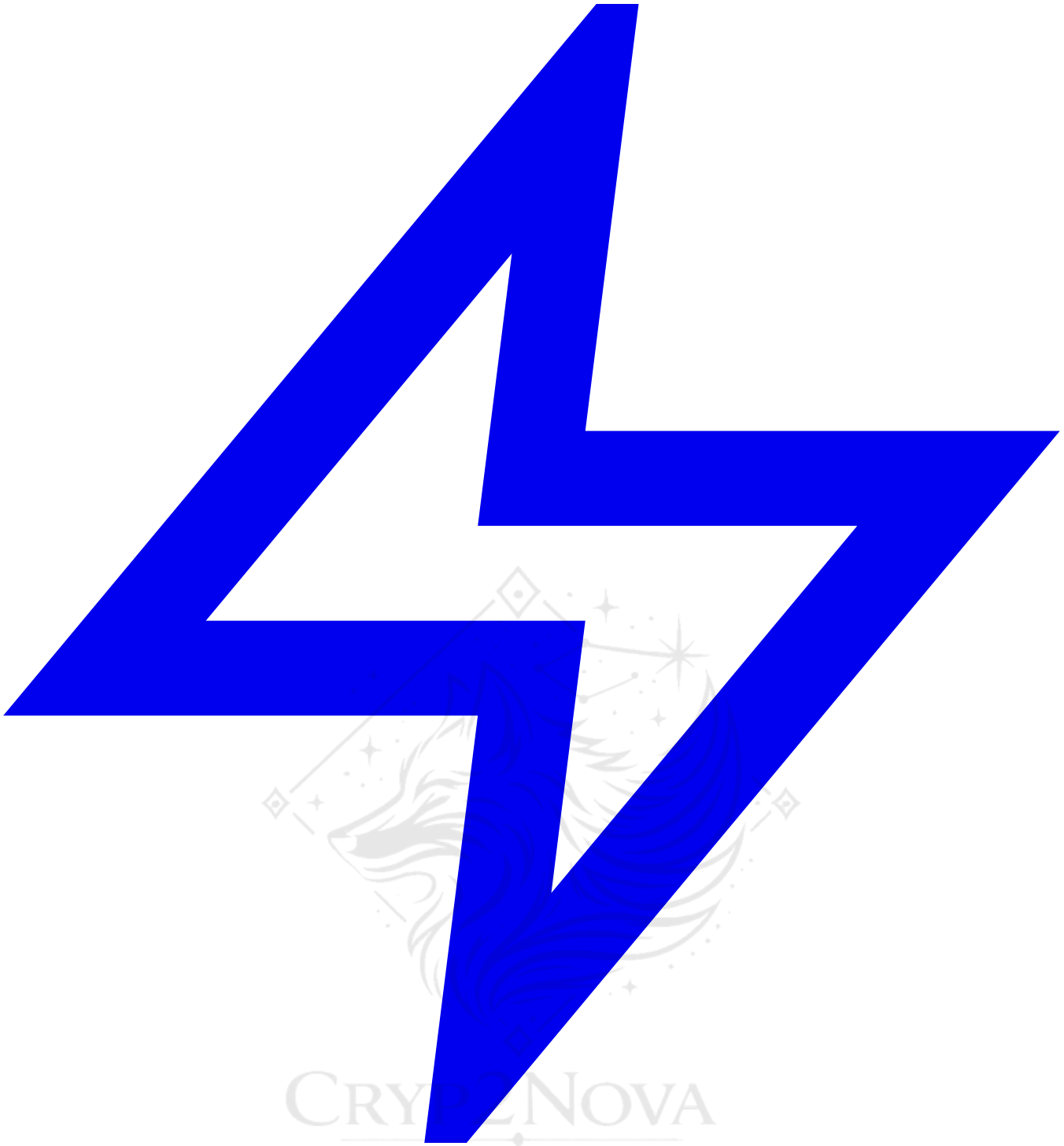


L1 ↔ L2 Messaging

Send public and private messages between Ethereum and Aztec.

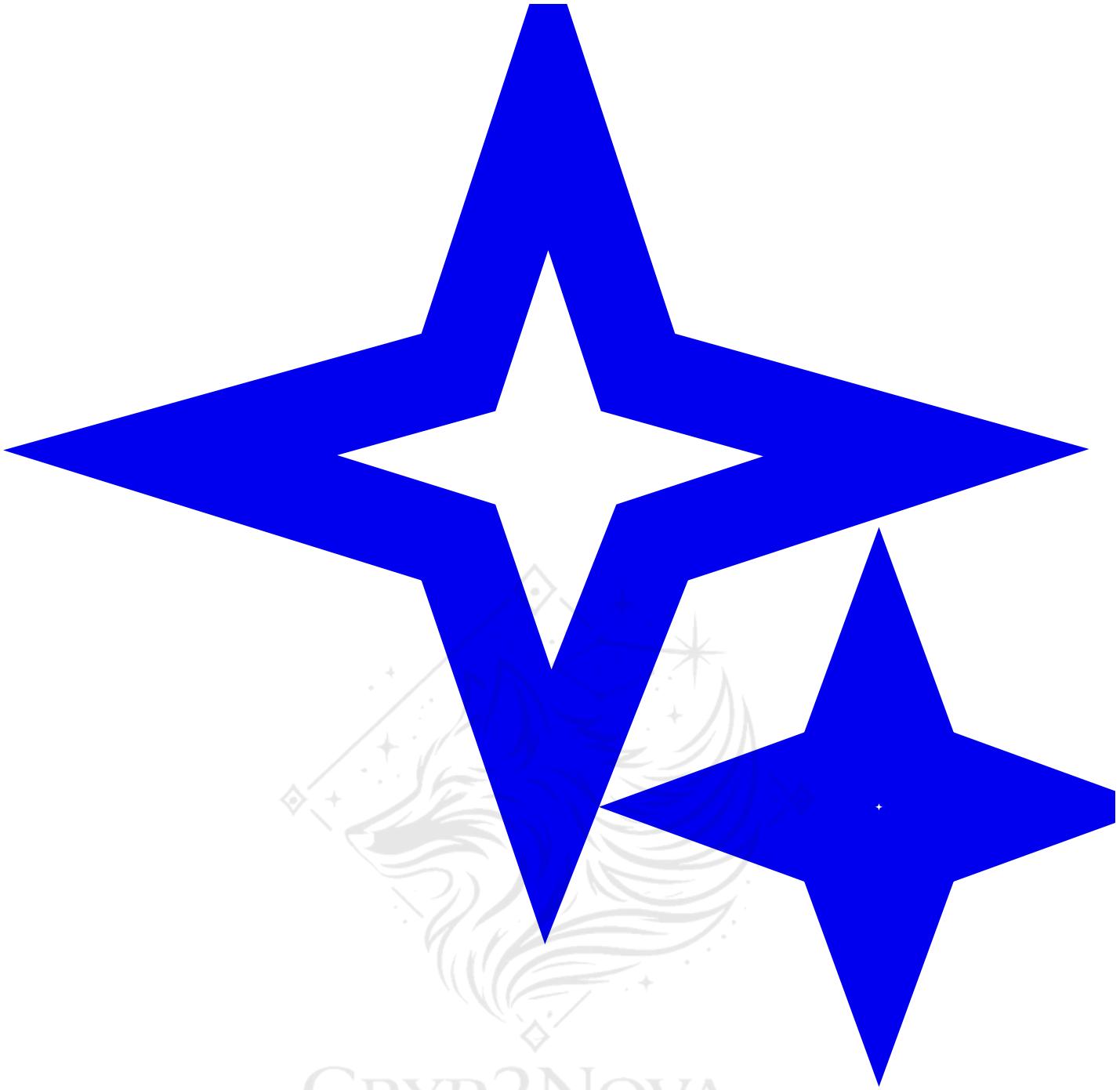
Quick Links

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QuickstartDeploy your first contract in minutes
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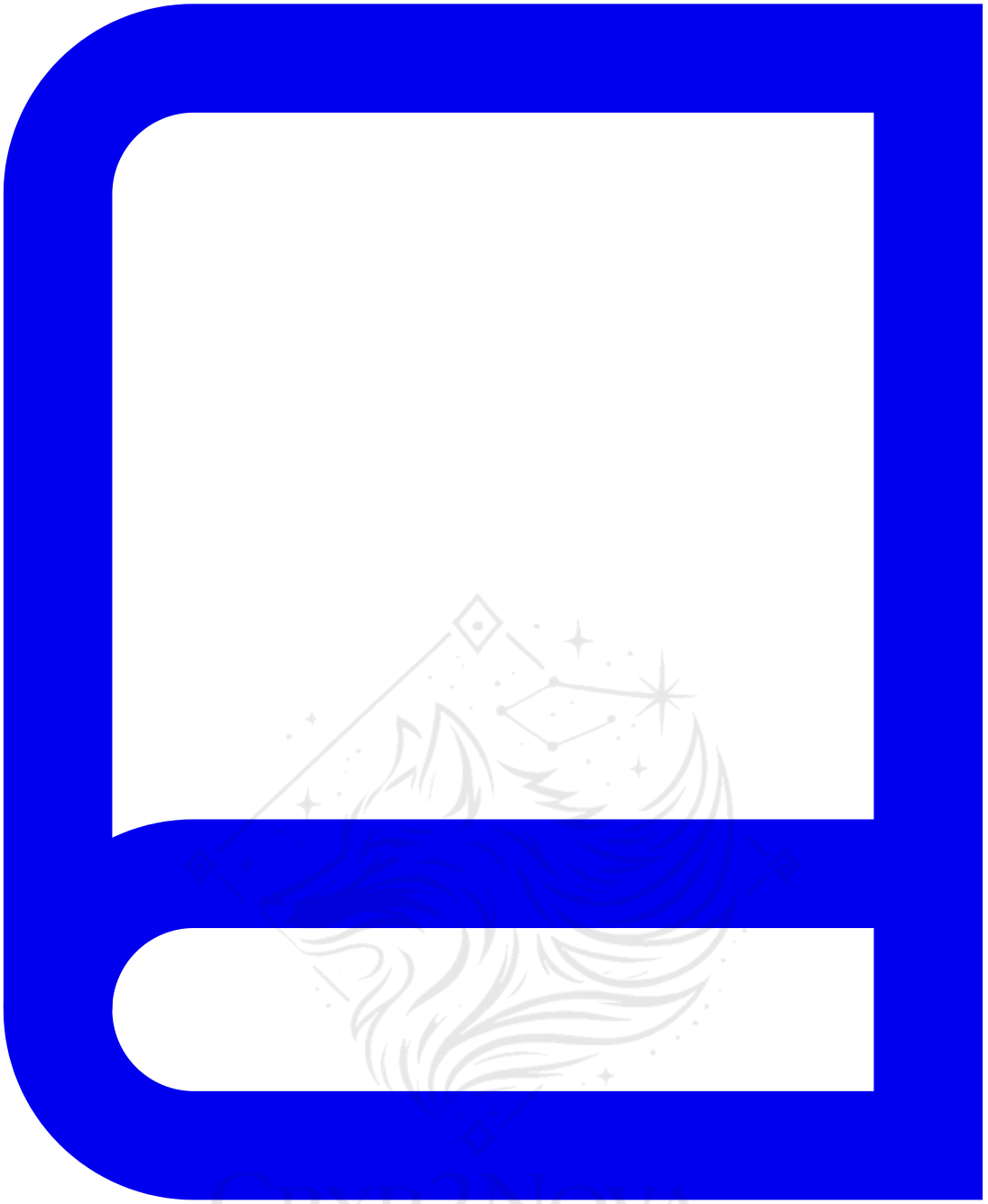
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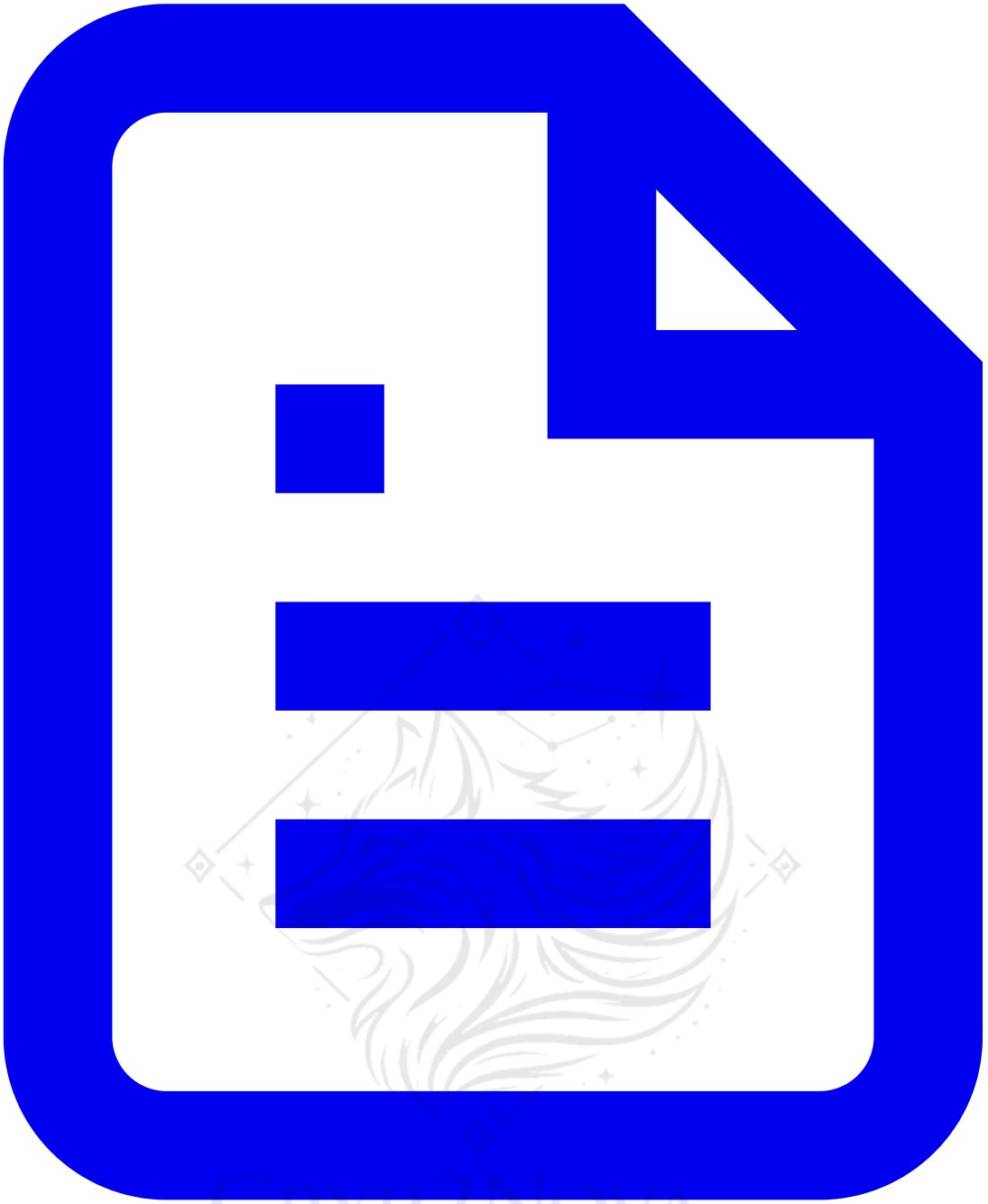
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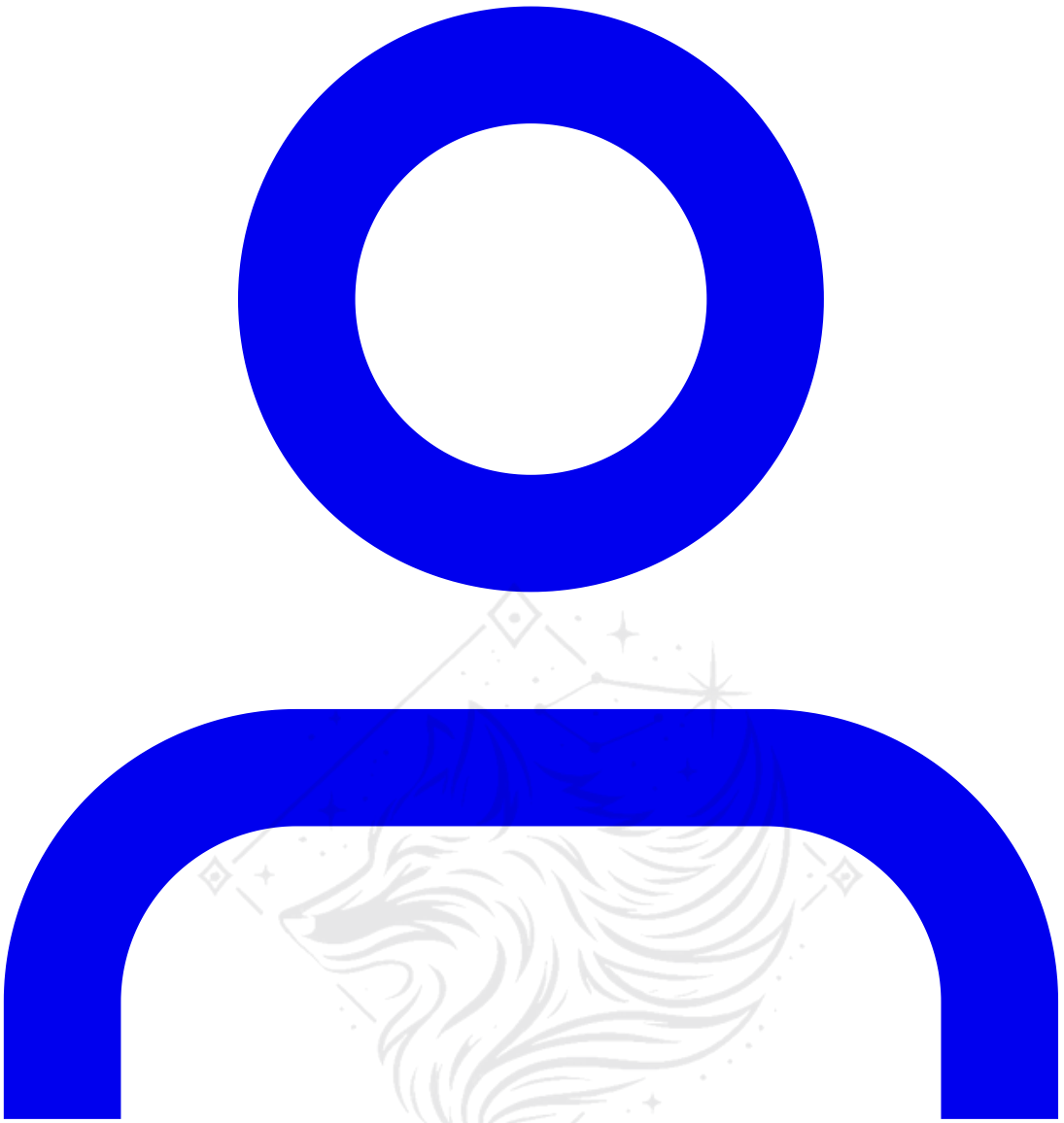
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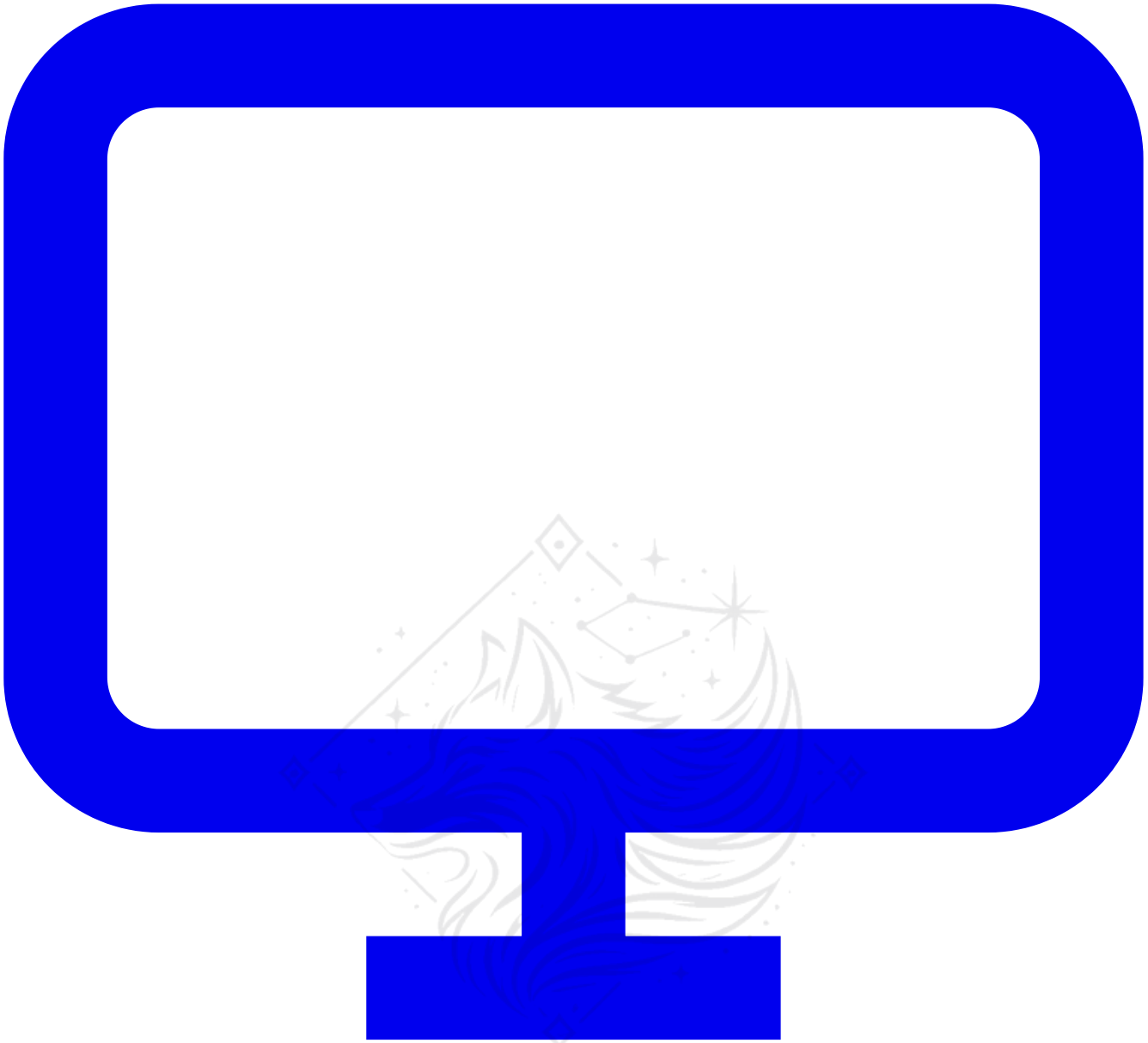
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Run a SequencerSet up and operate a sequencer node
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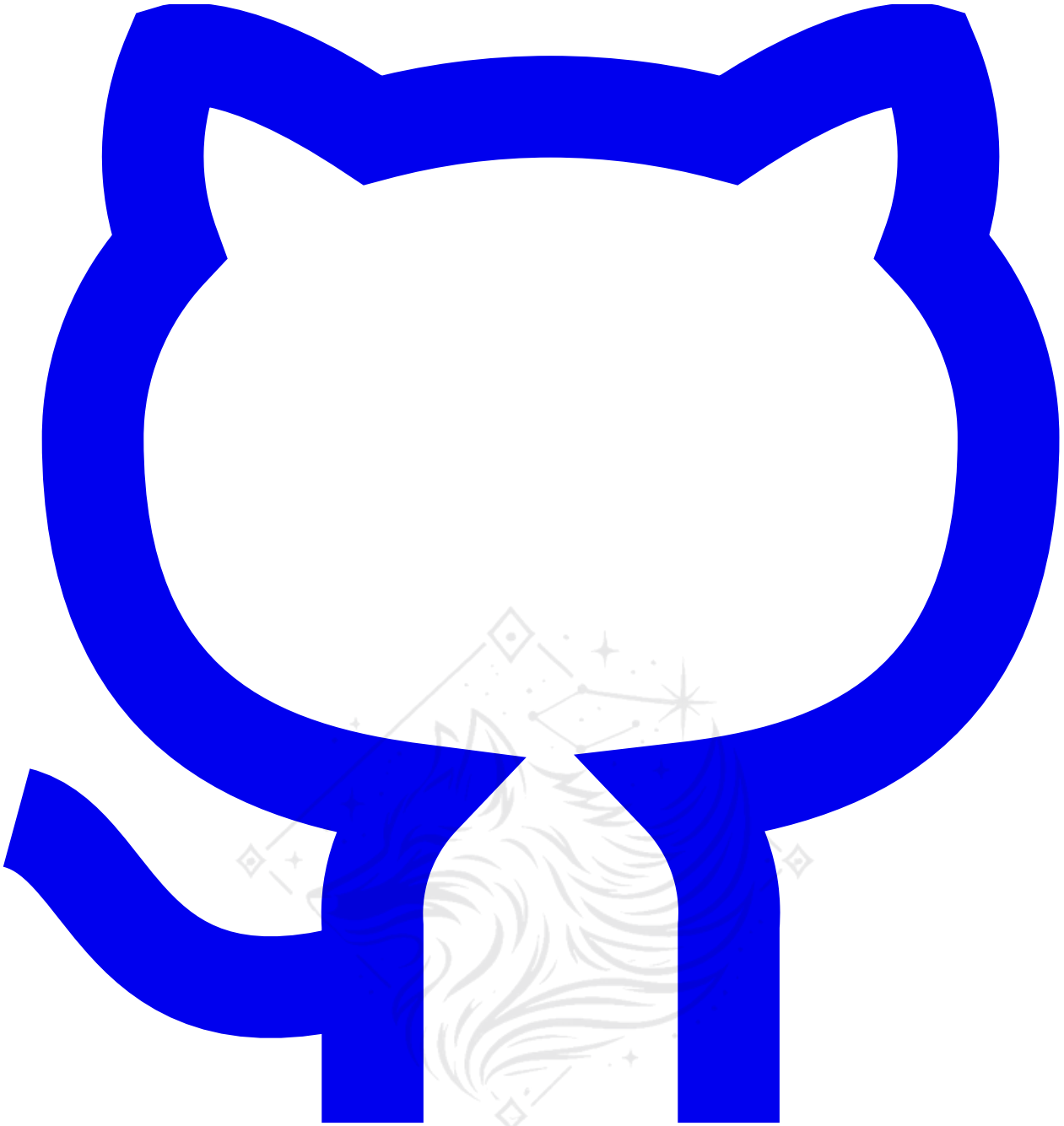
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Aztec Starter RepoTemplate project to kickstart development
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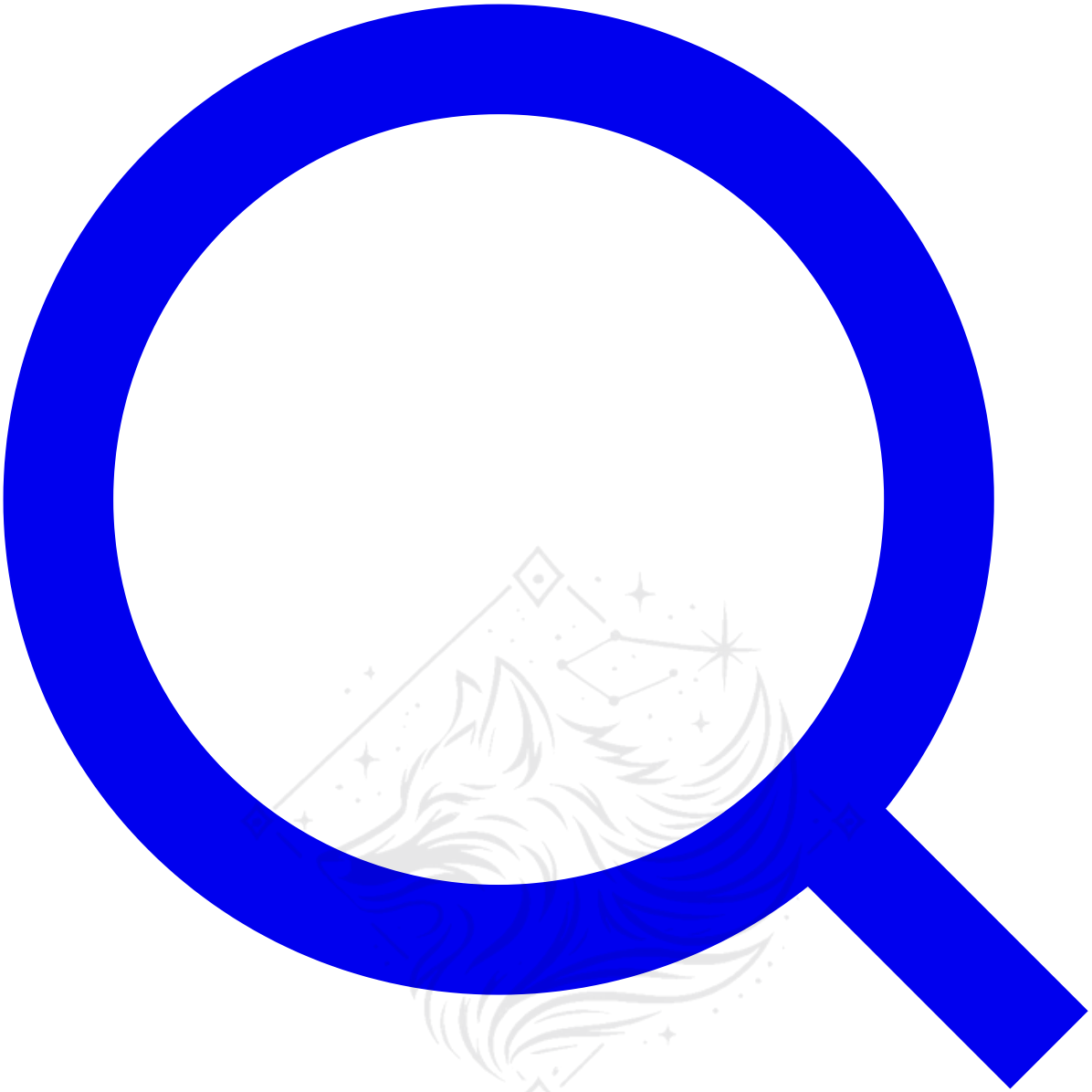
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