



Midnight for Developers

Build Privacy-Preserving Applications on a New Kind of Blockchain

Midnight is a next-generation blockchain built for developers who want to protect user and business data while building open, verifiable apps.

It combines public transparency with **programmable data protection and selective disclosure**, enabling developers to prove facts without revealing private information.

Why Midnight

Most platforms force developers to choose between privacy and usability. Midnight removes that trade-off, empowering new business models and compliance-friendly innovation across:

- **Finance** – prove solvency, transaction validity, or compliance requirements without disclosing balances or counterparties.
 - **AI** – prove model integrity or dataset origin without revealing contents
 - **Gaming** – verify player actions or game logic privately on-chain
 - **Healthcare** – enable access to *facts about data* (e.g., “record verified,” “treatment completed”) without revealing the underlying medical data
 - **Governance** – prove eligibility or participation without exposing identity
 - **Identity** – issue credentials that users can verify privately
-

For Developers

- **Learnable:** Write contracts in **TypeScript** using **Compact**, Midnight’s privacy-enabled smart-contract language that abstracts zero-knowledge complexity.
- **Composable:** Integrate seamlessly with TypeScript SDKs.
- **Flexible:** Choose what to disclose — full data, hashed attestations.
- **Interoperable:** Built to connect with other ecosystems, beginning with **Cardano**.

Tools:

- [Midnight wallet cli](#) – Standalone wallet boiler plate
- [Midnight local dev](#) – A repo to spin up a local network for testing
- [MeshJS starter template](#) – scaffold a new DApp quickly
- [Midnight MCP server](#) – Code smart contracts and dapps with AI

Start building with the official [Hello World guide](#).

Ways to Get Involved

Become a Midnight Scholar:

Complete the [Midnight Academy](#) to gain certification in the Midnight stack

Learn by doing:

Complete gamified challenges that teach devs about Midnight with [Zealy Quests](#)

Contribute to the ecosystem:

Browse the [Community Hub](#) for open ideas, product research, and content requests.

Pick an issue, submit a PR, or propose a DApp. You can also contribute to open-source repos:

- [Midnight-awesome-dapps](#)
- [Midnight-zk](#)
- [Midnight-js](#)
- [Midnight-node-docker](#)
- [Midnight-docs](#)
- [midnight-indexer](#)

Ask and connect:

Join the [Forum](#) for developer Q&A, or the **Discord** for workshops and community discussions.

Build & compete:

[Join hackathons](#) like **MLH**, **Dev.to**, and **DegAI** to prototype privacy-preserving apps and collaborate with other builders.

Join the Fellowship Program:

Join [Aliit fellows](#) in representing Midnight, creating content, hosting events, and earning rewards while helping onboard new developers.

Join Build Club:

Join [Build Club](#) to turn your idea into a real product through an 8-week program with mentorship, technical guidance, and investor exposure.

Learn More

 **Docs:** docs.midnight.network

 **Website:** midnight.network

 **GitHub:** github.com/midnightntwrk

 **Discord:** discord.gg/midnightnetwork

 **Twitter / X:** [@MidnightNtwrk](https://twitter.com/MidnightNtwrk)

 **YouTube:** [@midnight.network](https://www.youtube.com/@midnight.network)