

Shaping the Next
Era of AI with
Blockchain Powered
Inference.



The Chain

The Cyborg Network blockchain will govern an extensive network of community-owned accelerators, providing cost-effective AI inference services globally for enterprises

The App

Cyborg Connect will help AI developers, enterprises, and companies find the best inference servers across multiple global locations based on user concentration, while ensuring the secure protection of sensitive data at all execution levels using cryptographic primitives—all at highly affordable rates

The Miner

The Cyborg Miner is a plug-and-play edge device designed for AI inference tasks, enabling anyone to earn BORG tokens (uptime rewards) and fiat (inference revenue). Powered by NVIDIA's Jetson architecture, it allows AI applications and systems to scale hyperlocally on demand, worldwide



The Opportunity

Strategically reducing the cost of running AI applications can significantly boost adoption across various sectors, provided we have scalable, cost-effective AI infrastructure with a hyperlocal global presence. The AI infrastructure market is projected to grow from **\$135.81 billion in 2024** to **\$394.46 billion by 2030**, at a rate of **19.4%**.



The Approach

We propose developing a blockchain-powered AI inference network that will leverage and govern a vast network of globally distributed AI edge nodes, providing scalable, cost-effective, and secure AI inference services, thereby accelerating AI adoption across various sectors

Features

ZK Ready Setup

Users can verify the integrity of miners processing their apps using a Halo 2-based ZK-SNARK algorithm, which enables remote verification without any data exposure

Privacy Lock

A secure private-key encryption system ensures absolute data confidentiality throughout the entire pipeline, backed by encrypted high-performance storage.

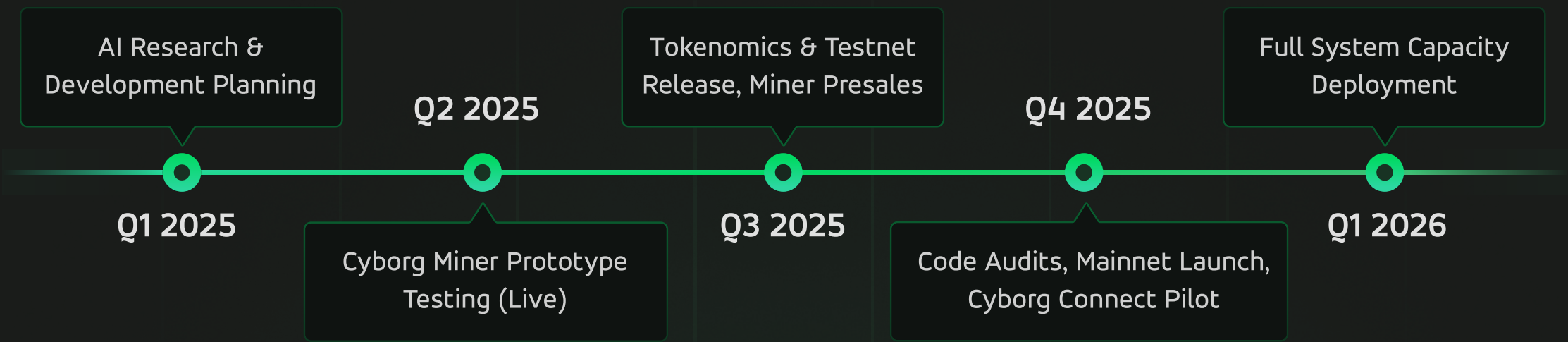
5G-Ready

With a vision to support real-time robotic systems in real-world scenarios, Cyborg Network is future-proof, designed to integrate seamlessly with 5G and next-generation internet paradigms, featuring low-latency server placement

Global, Hyperlocal Network

Our infrastructure is designed to deliver AI inference services through a globally distributed network of edge servers, ensuring low-latency performance and cost-effective scalability. By strategically placing servers in key regions, we provide hyperlocal access to AI applications, optimizing real-time performance and minimizing data transfer times.

Roadmap



Use Cases

- AI Apps

Delivering cost effective AI inference infrastructure for all kinds of AI based apps to enable developers and businesses to run AI applications efficiently and affordably, anywhere in the world.
- Autonomous Mobility

Supporting self-driving cars, drones, and smart transportation with **distributed AI infrastructure** for safer, faster, and more efficient navigation.
- Smart Cities

Enabling traffic management, public safety, and energy optimization through **localized AI processing**, driving faster, more efficient decision-making at the edge.
- Industrial IoT (IIoT)

Optimizing smart sensors, industrial machines, and maintenance systems through **edge-based AI**, enabling real-time monitoring, failure prediction, and anomaly detection with fast, secure responses.
- Public Safety & Surveillance

Enhancing CCTV cameras, smart traffic lights, and drones with **on-site AI processing** for real-time facial recognition, anomaly detection, and crowd monitoring while ensuring privacy and secure data handling.
- Wearable Devices

Powering real-time health, fitness, and AR applications through **edge AI systems**, ensuring low-cost, high-performance processing with blockchain-secured privacy.

Founding Team



Barath Kanna

Founder & CEO



Megha Varshini

Founder & COO