



CypherShield Accord: AI-Driven Innovation for Healthcare, Life Sciences, and Cybersecurity

Vision: CypherShield leverages consensus-driven AI to empower healthcare providers, medical researchers, and cybersecurity professionals with precision decision-making, robust data security, and real-time adaptability.

Problem: Traditional healthcare and life sciences rely on isolated data analyses and single-model AI approaches, limiting accuracy, adaptability, and comprehensive insights. This fragmentation leads to:

- Missed diagnostic opportunities
- Inefficient pharmaceutical research processes
- Vulnerabilities in sensitive patient and research data security

Solution: CypherShield Accord utilizes a novel consensus-driven AI framework:

- **Consensus Aggregation Framework:** Harmonizes insights from multiple specialized AI models to provide accurate, validated, and comprehensive results across healthcare diagnostics, pharmaceutical research, cancer discovery, and cybersecurity.

- **Secure & Compliant AI Architecture:** Built from the ground up with cybersecurity best practices, ensuring data privacy, compliance (HIPAA, GDPR), and resilience against emerging threats.

Healthcare and Life Sciences Applications:

- **Medical Diagnostics:** Enhanced accuracy and speed of clinical decision-making, delivering real-time actionable insights.
- **Pharmaceutical & Vaccine Development:** Accelerated drug discovery, streamlined clinical trials, and improved epidemiological modeling.
- **Pan-Cancer Research:** Advanced AI methodologies integrate multimodal biomedical data to discover novel treatment pathways and potential cures.

Cybersecurity Applications:

- **Threat Detection & Response:** Rapid and precise threat identification leveraging AI consensus for cybersecurity.
- **Compliance & Data Protection:** Robust protection frameworks to secure sensitive healthcare data.

Market Opportunity:

- Global healthcare AI market projected to exceed USD 190 billion by 2030.
- Cybersecurity market projected to exceed USD 200 billion by 2025.

Why CypherShield Accord?

- **Precision & Reliability:** Consensus-driven AI provides superior accuracy compared to single-model systems.
- **Security Built-In:** Comprehensive cybersecurity embedded across all stages, from DevSecOps to regulatory compliance.
- **Versatile & Scalable:** Flexible architecture adaptable across healthcare, life sciences, cybersecurity, and beyond.

Business Model:

- Subscription-based licensing
- Enterprise and institutional deployments
- Recurring revenues from customized solutions, premium integrations, and ongoing support

Roadmap & Milestones:

- **Immediate (0-3 months):** Complete initial Proof-of-Concept (PoC)
- **Near Term (3-12 months):** MVP release, early customer pilots

- **Mid Term (12-24 months):** Expansion of healthcare and pharmaceutical partnerships, revenue generation
- **Long Term (24+ months):** Industry leadership, substantial market adoption, exploration of strategic exits

Investment Opportunity:

- Stage: Pre-seed
- Instrument: SAFE (post-money)
- Valuation Cap: \$6M, Discount: 20%
- Target Raise: \$600K (bridge for PoC finalization and MVP instantiation)

Use of Funds:

- Product development (PoC & MVP)
- Strategic team expansion and operational scaling
- Initial customer acquisition and market engagement

Core Team:

- **David Beltran:** Founder/CEO, Experienced Cybersecurity Architect (IBM)
- **Ahtsham Ali:** CTO
- **Atul Yadav:** Chief Product Officer
- **Isaac Effiong David:** UI/UX Designer
- **Alexandru Botezatu:** UI/UX Designer
- **Lokesh Kumar Jha:** Lead Developer
- **Avneet Singh Sidhu:** Developer
- **Alind Jain:** Lead Data Scientist
- **Shivani Shukla:** Data Scientist
- **Bhaves Akabari:** Project Manager
- **Martin Ime Bassey:** Sales Manager

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