

Cute Brains Pvt. Ltd.
Incubated at IIT Kanpur



BLACK MAMBA

AI · ML

APPLIED INTELLIGENCE

Deep learning, drawn not preached.

Product Catalog

A line of applied-AI products — from wearables and developer tools to media integrity, fintech and generative design. Engineering made usable.



WWW.CUTEBRAINS.IN · [@BLACK_MAMBA_AIML](https://twitter.com/BLACK_MAMBA_AIML)

Welcome

Thank you for looking through the Black Mamba AIML catalogue. Every product here comes from the same idea that drives our content: the engineering behind modern AI should be understandable, dependable, and genuinely useful — especially in applied and safety-critical settings.

The six products on the following pages span health, developer tooling, media integrity, trust & safety, fintech, and generative design. Each can be adopted on its own, integrated via API, or co-developed with your team. Research and development is backed by Cute Brains Pvt. Ltd., incubated at IIT Kanpur.

— Ashutosh Bhushan, Founder

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HEALTH · WEARABLE AI

HotLap

A performance tracker that turns raw sensor data into real coaching. HotLap reads pace, heart-rate zones and lap splits in real time, then uses on-device ML to model training load and guide recovery — built for athletes who want signal, not just numbers.

Key features

- Live heart-rate zones & lap analytics
- ML-driven training load and recovery guidance
- Personalised pace and interval coaching
- Cross-device sync with a clean performance dashboard



DEVELOPER · RESEARCH AI

CodeSage

A coding copilot and research engine in one workspace. CodeSage writes, reviews and explains code while pulling, summarising and citing technical literature — so engineering decisions are backed by evidence, not guesswork.

Key features

- Context-aware code generation and review
- Technical literature search and summarisation
- Cited, source-linked answers
- Notebook and repository integration



MEDIA INTEGRITY · NLP

Veritas

A credibility engine for the information age. Veritas scores articles and claims, flags manipulation and bias patterns, and traces sources — giving readers and newsrooms an evidence-backed reliability read in seconds.

Key features

- Claim and source credibility scoring
- Manipulation and bias pattern detection
- Source-trail tracing and provenance
- Browser extension and API workflows



TRUST & SAFETY · VISION AI

DeepShield

Detection for synthetic and manipulated media. DeepShield spots deepfakes and face-swaps, localises tampered regions with heat-maps, and returns an explainable authenticity report for images and video frames.

Key features

- Deepfake and face-swap detection
- Tamper-localisation heat-maps
- Explainable authenticity reports
- Batch and real-time processing modes



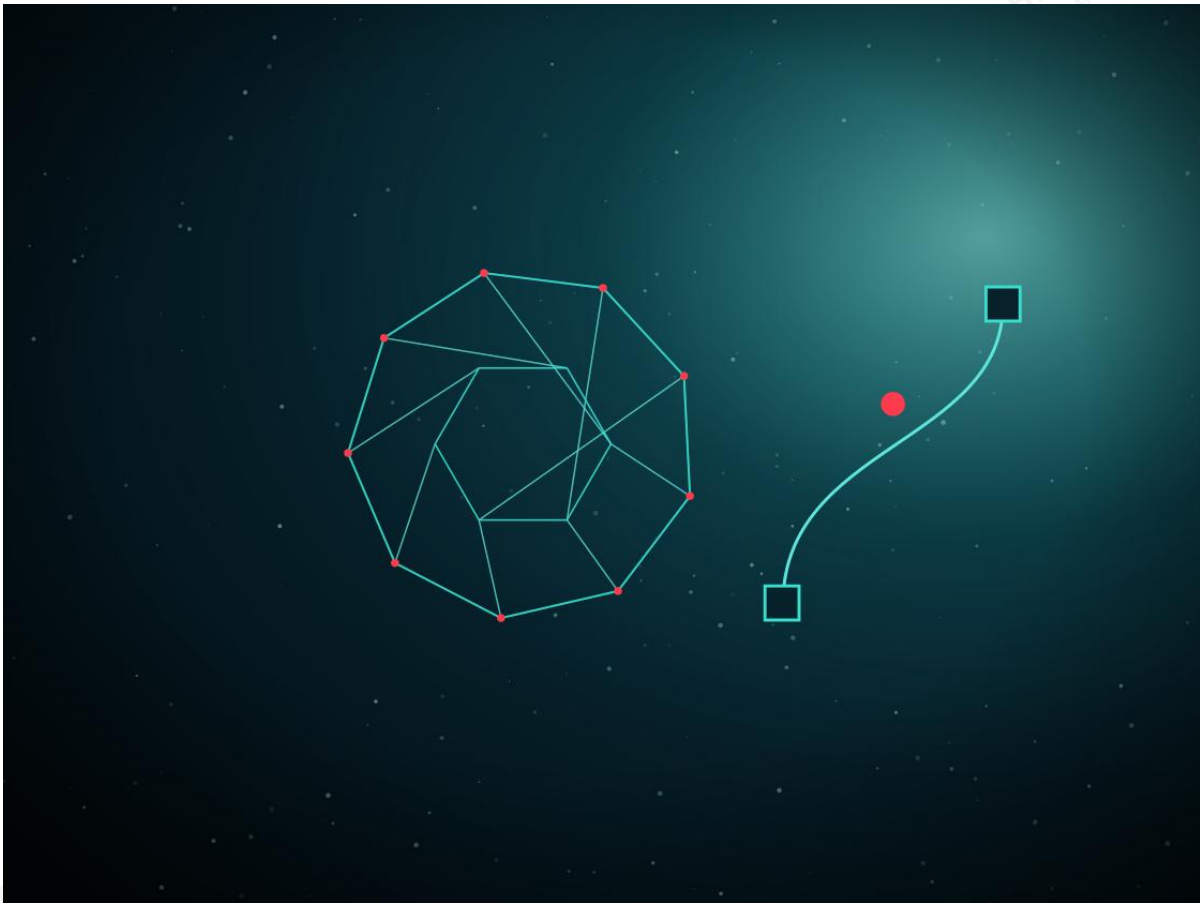
FINTECH · APPLIED ML

FinCore

A modular platform for intelligent finance. FinCore delivers portfolio insight, risk signals and automated workflows on secure, auditable infrastructure — designed for teams that need robustness in a safety-critical domain.

Key features

- Portfolio and risk analytics
- Automated financial workflows
- Fraud and anomaly detection signals
- Secure, auditable architecture



CREATIVE · GENERATIVE AI

FormForge

A single studio spanning 2D and 3D. FormForge generates and refines vector artwork and 3D assets from prompts and references, exporting editable, production-ready files — with brand-consistent style controls throughout.

Key features

- Prompt-to-2D vector art and layout
- Prompt / reference-to-3D asset generation
- Editable, production-ready exports
- Brand-consistent style controls

Let's build something together.

Pick any product to license, integrate, or co-develop — or tell us the problem and we'll scope a build. Every engagement starts with a one-page scope, a timeline, and a fixed quote.

Get in touch

Pick a product to license, integrate, or co-develop — every engagement starts with a one-page scope and a fixed quote.

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