

CodeTale

Turn any GitHub repo into an engaging presentation

"From Code to Story in Seconds"

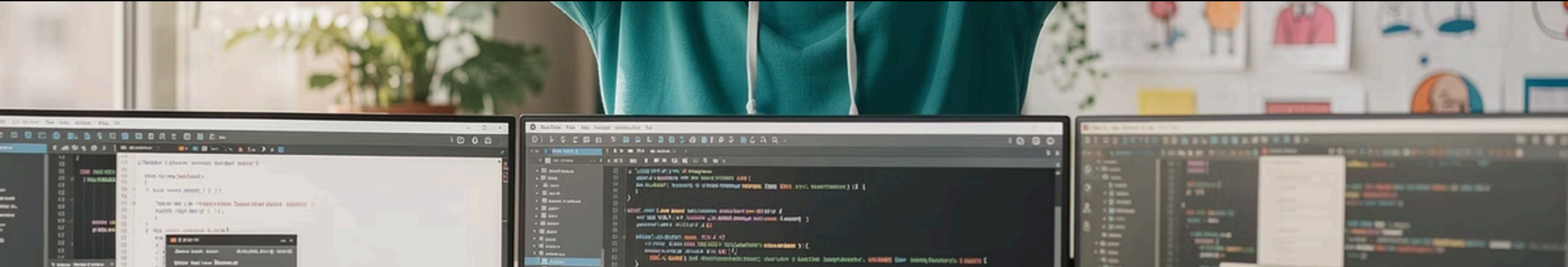


BUILT AT {TECH: EUROPE} PARIS

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Developer documentation is broken

28.7M

Developers worldwide

Growing market of technical creators

65%

Frustrated by docs

Documentation is their #1 pain point

3-5

Hours per week

Average time spent reading documentation

The gap is massive: **80% of developers prefer video content**, but only **0.1% of repositories have video documentation**. READMEs are text-heavy and boring. Video tutorials take hours to produce. Onboarding new developers is painful. Technical presentations require manual work. Hackathon demos need quick turnaround.

AI-powered code storytelling

01

Analyzes your repository

Deep understanding of code structure, documentation, and architecture patterns

02

Generates intelligent narrative

GPT-5.2 creates compelling story arcs that explain technical concepts clearly

03

Creates beautiful slides

AI-generated visuals that illustrate complex ideas with stunning imagery

04

Adds natural voice

Human-like narration with proper technical pronunciation and pacing

05

Delivers instantly

Shareable presentation URL ready in minutes, not hours

Key Innovation: This isn't just "AI makes slides" - it's a complete multi-modal pipeline. `Code → Understanding → Story → Visuals → Voice → Presentation`

Time Saved: From 3 hours of manual work to 3 minutes of automated magic.



Standing on the shoulders of giants

CodeTale integrates 7 cutting-edge AI technologies (hackathon requires min. 3)

Infrastructure & Development

- 🏠 **Lovable** - Full-stack platform (frontend, backend, database, deployment)
- 🧠 **OpenAI** - GPT-5.2 Pro for slide generation & deep repo analysis

Media Generation

- 🖼️ **fal.ai** - flux/dev for minimalist slide illustrations
- 🗣️ **Gradium** - Multilingual TTS narration (EN, FR, DE)

Advanced Integration

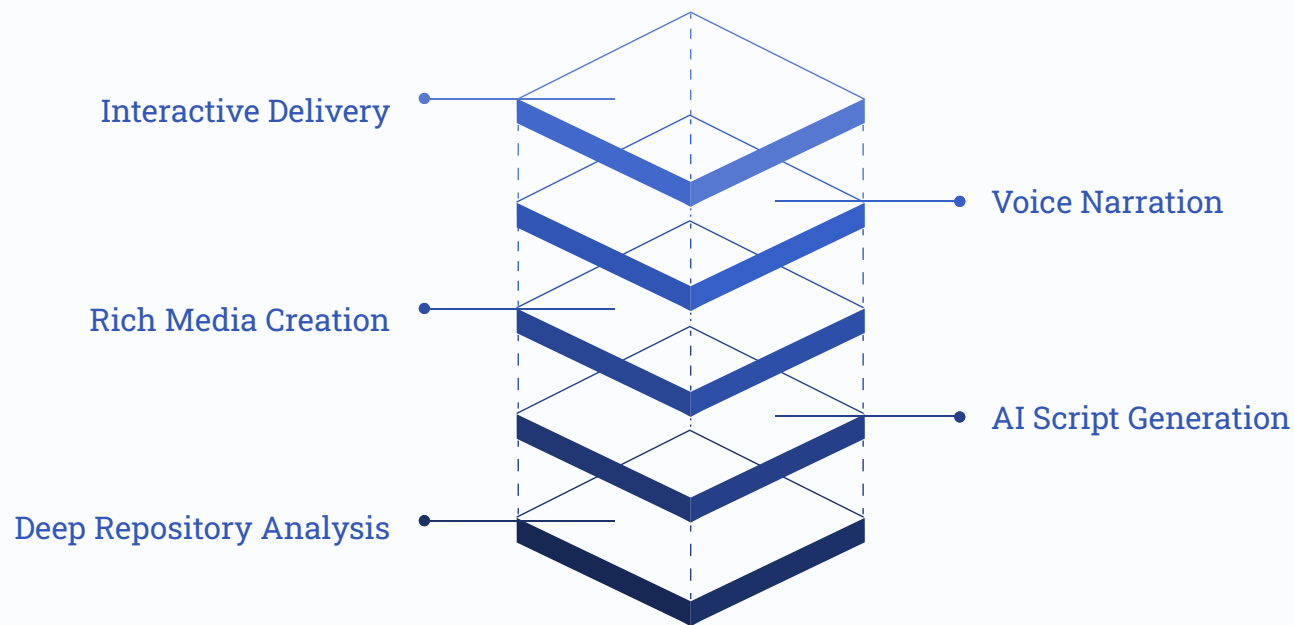
- 🌉 **Alpic Skybridge** - ChatGPT App via MCP
- ⚙️ **Dify** - Multi-agent orchestration (in progress)
- 📁 **Dust** - Private multi-repo analysis (exploring)

📖 **Why This Matters:** CodeTale showcases what's possible when you combine these powerful tools into a cohesive experience.

🔍 Refined Git Analysis Engine:

- DeepWiki integration for AI-analyzed documentation
- Smart file prioritization (6-tier system)
- Adaptive budgeting based on repo size
- Image discovery & classification from README

Under the hood: multi-modal AI pipeline



Our architecture processes repositories through five sophisticated stages, each leveraging cutting-edge AI capabilities.

Key Innovation: Smart media hierarchy prioritizes technical content (diagrams, code, charts) over AI-generated illustrations. Every presentation includes mandatory code animations and UML diagrams.

Step 1: Deep Repository Analysis

- GitHub API + DeepWiki integration
- 6-tier file prioritization system
- Image discovery & classification
- Adaptive file budgeting (30/100 file thresholds)

Step 2: AI Script Generation

- GPT-5.2 Pro (primary)
- 3-level provider cascade with auto-failover
- Lovable AI Gateway fallback
- GPT-4o-mini as final fallback

Step 3: Rich Media Creation

- Mermaid UML diagrams (mandatory)
- Code animations (mandatory on every presentation)
- Data structure visualizations
- fal.ai illustrations (only when no rich viz exists)

Step 4: Voice Narration

- Gradium TTS in 3 languages
- Cinema mode continuous audio
- Per-slide audio in Slide mode

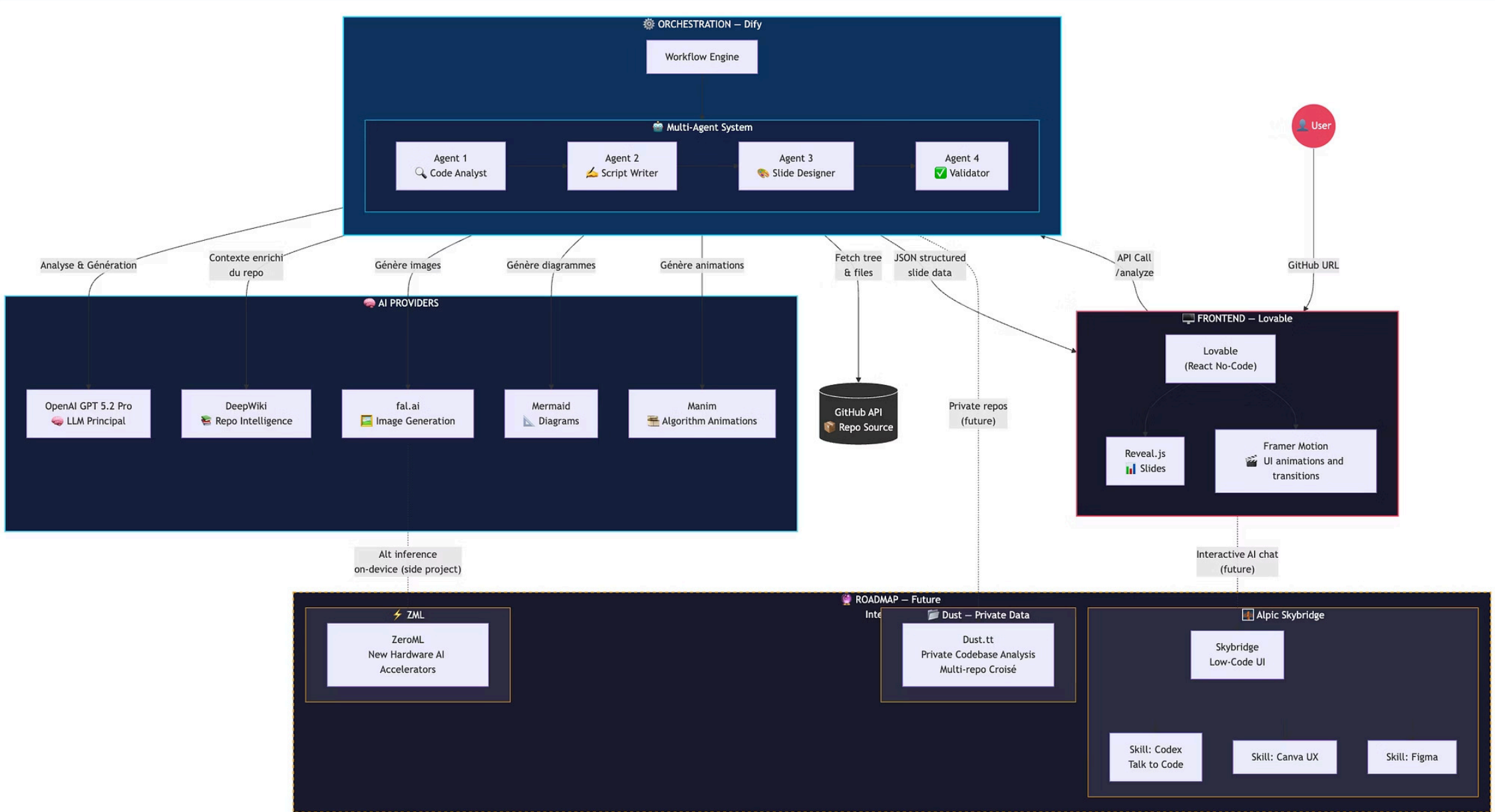
Step 5: Interactive Delivery

- Cinema mode (autoplay + narration)
- Slides mode (manual navigation)
- Analysis tab (technical dashboard)
- ChatGPT App integration via Alpica Skybridge

⚡ Performance

Total time: Under 3 minutes. Parallel API calls, streaming responses, zero user configuration required.

Architecture



What makes CodeTale special



⚡ Instant generation

From GitHub URL to cinematic presentation in minutes. 3-level AI cascade ensures zero downtime.



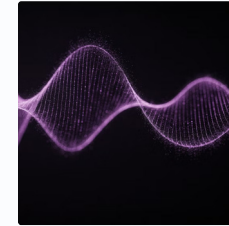
🔍 Deep analysis

6-tier file prioritization + DeepWiki integration. Discovers architecture diagrams and screenshots from your README automatically.



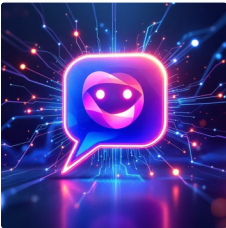
📊 Rich visualizations

Mandatory UML diagrams and code animations on every presentation. Data structures, charts, and algorithm steppers.



🎤 Multilingual narration

Gradium TTS in English, French, and German. Cinema mode with continuous voiceover or per-slide audio.



💬 ChatGPT integration

Analyze repos, compare projects, generate pitch decks directly inside ChatGPT via Alpica Skybridge MCP.



🎬 Three viewing modes

Cinema (autoplay + narration), Slides (manual), Analysis (technical dashboard). Export standalone HTML.

Competitive Edge: 10x faster than manual creation. Better engagement than text-only README. More accessible than traditional code review.

Smart media hierarchy: Technical content (diagrams, code, data) always takes priority over AI illustrations.



Who is this for?

🏆 Hackathon participants

- Quick project demos for judges
- Professional pitch in minutes
- Showcase technical depth visually
- *Real example: This deck made itself!*

🏠 Open source maintainers

- Attract contributors with compelling demos
- Explain complex projects simply
- Increase GitHub stars and engagement
- 100M+ repositories = massive TAM

🏢 Development teams

- Code review presentations made easy
- Onboarding new engineers efficiently
- Technical documentation people actually watch

🎓 Educators & bootcamps

- Teach programming concepts visually
- Explain algorithms with narratives
- Create course materials 10x faster

Real Impact: This hackathon alone has 100+ teams. If just 30% try CodeTale, that's 30 users THIS WEEKEND. The open source ecosystem represents 100M+ potential presentations.

See it in action: legendary repos



Apollo 11 guidance computer

The code that took humanity to the moon. AGC architecture diagrams, mission-critical code walkthrough with line-by-line animations.



Sorting algorithms visualized

github.com/diptangsu/Sorting-Algorithms - Bubble, merge, quick sort with animated data structure visualizations. Big O complexity charts.



MS-DOS source code

INT 21h interrupt handler animations, system architecture UML diagrams. The OS that started personal computing, explained cinematically.

Quick-try gallery: 11 pre-configured repos featuring sponsor projects (Lovable, fal.ai, Gradium, Alpic Skybridge), legendary code (Apollo 11, MS-DOS), educational content (sorting algorithms), and modern open source favorites.

New: Every presentation includes mandatory code animations and UML diagrams. Watch the Alpic Skybridge demo video to see the ChatGPT App in action.

Partner showcase: live demos

Each partner technology has its own CodeTale-generated presentation analyzing their repository. See how CodeTale transforms real-world projects into cinematic stories.

Alpic Skybridge

CodeTale analyzes Alpic Skybridge's MCP framework. See how ChatGPT App architecture, skills system, and deployment are presented with UML diagrams and code animations.

Gradium

CodeTale analyzes Gradium's voice AI repository. Experience how TTS technology, multilingual support, and audio processing are visualized cinematically.

OpenAI Cookbook

CodeTale analyzes OpenAI Cookbook repository. Watch how GPT examples, best practices, and API integration patterns are transformed into engaging narratives.

Dify

CodeTale analyzes Dify's open-source platform. Discover how multi-agent orchestration, workflow engines, and LLM operations are explained with technical diagrams.

Dust

CodeTale analyzes Dust's enterprise AI platform. See how private multi-repo analysis and AI agent systems are presented with architecture visualizations.

fal.ai JS Client

CodeTale analyzes fal.ai's JavaScript client library. Watch how generative media APIs, model serving, and SDK architecture are explained step-by-step.

ZeroML

CodeTale analyzes ZeroML's high-performance inference framework. Experience how AI accelerators, optimization techniques, and hardware integration are visualized.

Live at the event: Try CodeTale with any of these partner repos or your own projects. Each demo includes mandatory code animations, UML diagrams, and multilingual narration.

Built to win

✓ Competition requirements

- ✓ 2-minute video demo (Loom)
- ✓ Public GitHub repository
- ✓ Comprehensive README with setup instructions
- ✓ Uses min. 3 partner technologies
- ✓ Built newly at this hackathon (boilerplates allowed)
- ✓ Team of max. 5 people
- ✓ Submitted by 14:00 Sunday

🎯 Judging criteria

Stage 1: Pre-selection

- Creativity
- Technical complexity
- Bonus points for effective use of partner technologies

Stage 2: Finalist stage

- 5 finalists (4 Open Track + 1 Alpico Track)
- 5-minute live presentations
- Top 3 winners selected by jury

📄 **The Ultimate Meta-Moment:** This pitch deck explaining CodeTale was generated BY CodeTale itself. We're not just talking about it - we're proving it works.

From hackathon to product

Phase 1: Hackathon weekend

Feb 8-9, 2026

- Build MVP
- Submit by 14:00 Sunday
- Finalist pitches at 15:15
- Award ceremony at 16:30

1

2

Phase 2: Post-hackathon

Beyond the Event




- Refine based on feedback
- Expand feature set
- Build community
- Scale to production

Your turn to tell your story




Get started (30 seconds)

1. Go to **codetale.app**
2. Paste any GitHub URL
3. Hit Generate
4. Share your masterpiece

Try these legendary repos

-  **Apollo 11** - Moon landing code
-  **MS-DOS** - PC revolution OS
-  **Algorithms** - CS fundamentals

Hackathon special

-  Unlimited presentations (free during event)
-  All features unlocked for participants
-  Priority support at NeonNoir booth

The meta-moment

This pitch deck was generated by CodeTale itself.

We used our own tool to pitch our tool. That's how confident we are it works.

 **Share Your Creation:** #CodeTale #TechEurope #AIHackathon

 Built at {Tech: Europe} Paris

 **Powered by:** Lovable, fal.ai, Gadium, OpenAI

Thank you

Let's Turn Code Into Stories Together

CodeTale represents what's possible when we combine cutting-edge AI technologies with a deep understanding of developer needs. Built in 48 hours at {Tech: Europe} Paris AI Hackathon, this tool solves a problem every developer faces: how to share their work compellingly.



Visit us



Star our repo

Open source & evolving



Join Discord

@techeurope server



Follow updates



Special Thanks: Lovable, fal.ai, Gradium, OpenAI, Alpic Skybridge, Dify, ZeroML, Dust - and the entire {Tech: Europe} organizing team for creating this incredible hackathon experience.

Remember: Every great project deserves a great story. Let CodeTale tell yours.