



How do we bring AI in without breaking things?

VIBE CODING

“There's a new kind of coding I call "vibe coding", where you fully give in to the vibes, embrace exponentials, and forget that the code even exists.”

*- Andrej Karpathy,
(Former) Director of AI at Tesla, OpenAI*

INTEGRITY

100%

SPEED

16.0km/h

SCORE MAX

10 20

CONTROLS

W S Acceleration/Deceleration

← → Rotation

↑ ↓ Tilt

SPACE Fire missiles

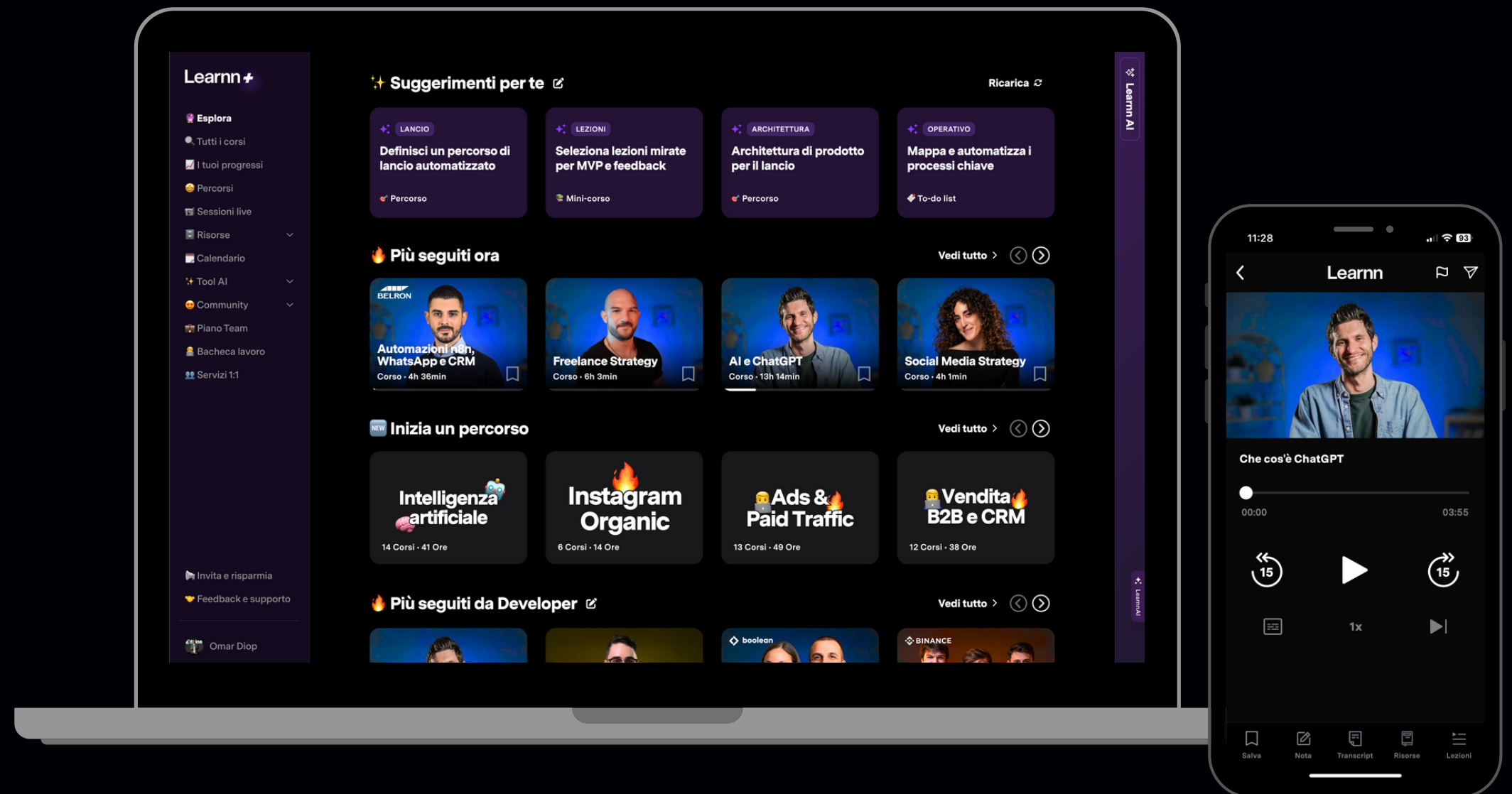


Prototype vs Product

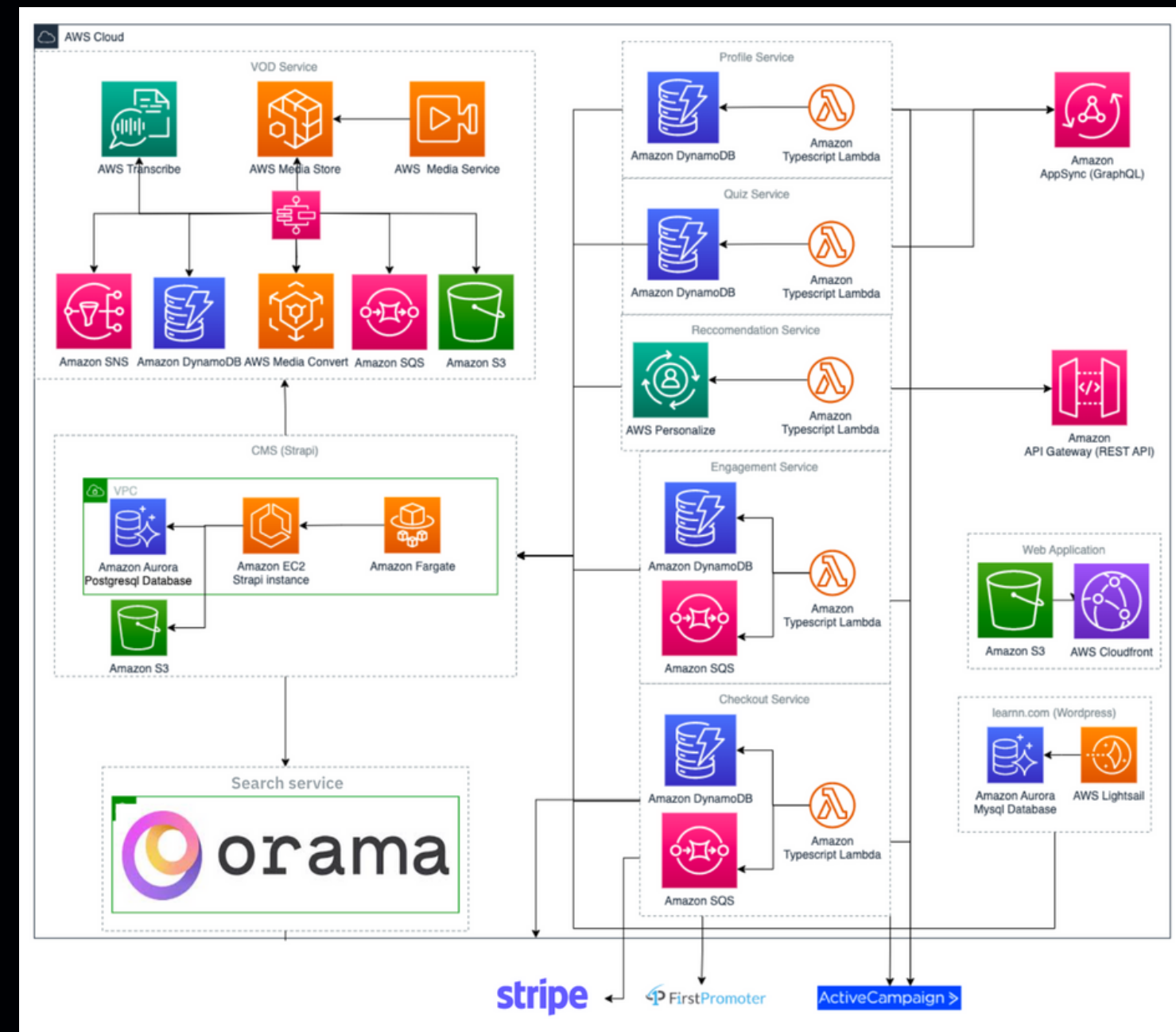
220 000+ users

400+ video courses

3 apps



- Monorepo
- 15+ microservices
- 1 shared SDK





PROBLEMS

- **Uncontrolled side effects**
- Missing context & poor decision-making
- Unmaintainable & monolithic code

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Prototype vs Product



**Without control,
nothing worked**

OUR PILLARS

- **Modularity**
- **Product-Oriented Culture**
- **Consolidated Process**

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VIBE ENGINEERING

“Vibe Engineering is when you stop using AI only to write code and start using it to build systems by channeling its speed and spontaneity into practices that scale”

*- Omar Diop,
Inventor of Terms Nobody Asked For*

OUR WORKFLOW

Planning

PRD + Context

Set clear objectives & context

Sprint Design

Epics, Stories, Tasks

Break value into shippable increments

Development

AI + human review

Short cycles: generate, validate, integrate

Quality Gate

Test + PR review

Quality control & value delivery

RESULTS

○ **Easier refactors**

○ **More time spent on product discovery**

○ **Changed sprints dynamics**

```
---
description: Step-by-step guide for migrating Lambda functions to fp-ts functional
programming style
globs: services/**/*.ts
---

# Lambda Function Migration: Imperative to Functional (fp-ts)

This document provides a comprehensive guide for migrating AWS Lambda functions from
imperative style to functional programming style using fp-ts.

## Migration Process Overview

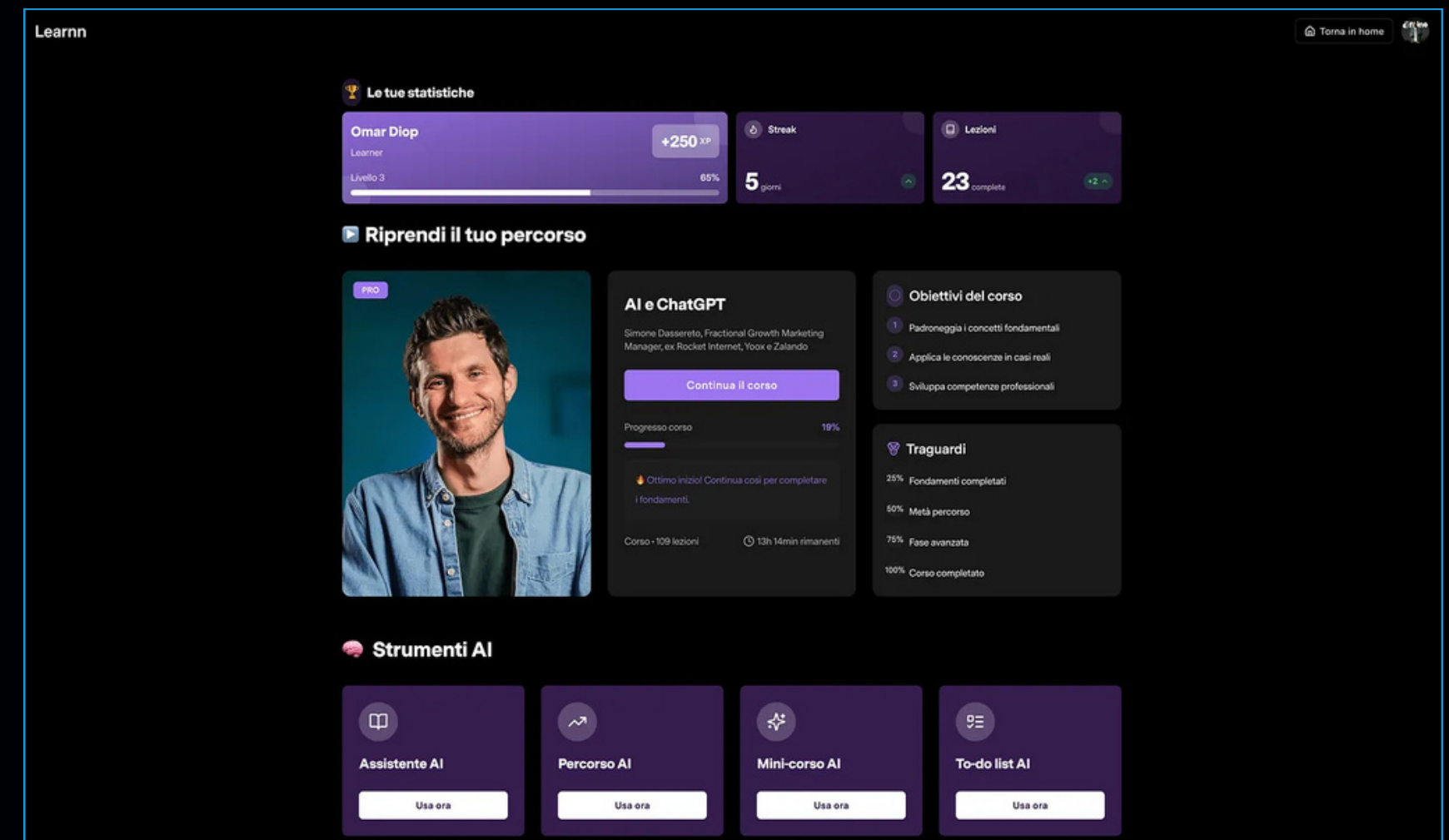
1. Create new file structure following the pattern from [030-fp-lambda-pattern.mdc](mdc:.cursor/rules/030-fp-lambda-pattern.mdc)
2. Implement the functional programming patterns from [031-fp-ts-functions.mdc](mdc:.cursor/rules/031-fp-ts-functions.mdc)
3. Update CDK stack to include both the original and new Lambda functions in the appropriate
service stack file under src/{service-name}/lib/{service-name}-stack.ts
4. Test and validate the new implementation
5. When confident, replace the original implementation
```

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More time spent on product discovery

Changed sprints dynamics

Sprint 265

6 settembre - 12 settembre
7 work days

		Order	Title	State	Assi...	Remaining Work	Prior...	Effo
1	>		🐛 La ricerca non funziona sulla webapp	● Done	Omar		2	
2	>		📄 [WEB] Dalla sezione dinamica AI nella home dev'essere possibile aprire fullscreen l'assistente	● Done	Luca ...		2	
3	>		📄 [WEB] Dev'essere possibile spostare la barra di ricerca dinamica	● Done	Loren...		2	
4	>		🐛 [WEB] Le chat multiple dell'assistente non sono navigabili senza trackpad	● Done	Mirko ...		2	
5	>		📄 [Estensione] I domini inseriti da configurazione posthog devono essere trattati come array	● Done	Luca ...		2	
6	>		🐛 [AI] Il generatore corso non passa le lezioni al generatore lezioni	● Done	Luca ...		2	
7	>		📄 Gli export delle transazioni Stripe devono essere divisi per giorno	● Done	Omar		2	
8	>		📄 [WEB] Le sezioni "più seguiti" e "continua i tuoi corsi" devono mostrare il tasto vedi tutti	● Done	Loren...		2	
9	>		🐛 [AI] Claude tronca le risposte di testi lunghi	● Done	Luca ...		2	
10	>		📄 [AI] La chiamata ad orama deve essere fatta da API	● Done	Luca ...		2	
11	>		📄 [WEB] Deve essere possibile visualizzare la sidebar AI nelle lezioni testuali	● Done	Loren...		2	
12	>		🐛 [WEB AI] L'assistente articolo tronca la risposta all'inizio	● Done	Loren...		2	
13	>		🐛 [WEB] Se si scrive una seconda volta nella chat AI in home non viene aperto l'assistente fulls...	● Done	Omar		2	
14	>		📄 [WEB] La ricerca orama deve essere ottimizzata	● Done	Loren...		2	
15	>		🐛 [WEB] L'hot reload in locale sui risultati di ricerca fa crashare la pagina	● Done	Loren...		2	
16	>		📄 [Estensione] Deve essere possibile inviare feedback a c.learnn.com/?category=tools	● Done	Loren...		2	
17	>		📄 [Estensione] L'estensione deve essere rilasciata unlisted	● Done	Loren...		2	
18	>		📄 Nel file di export delle transazioni Stripe devono essere tracciati anche i rimborsi	● Done	Omar		2	
19	>		📄 [WEB] Il nuovo endpoint RAG deve essere integrato su webapp	● Done	Luca ...		2	
20	>		🐛 [WEB] Il banner delle promo di Susy con GTm rompe lo scroll	● Done	Luca ...		2	
21	>		📄 [WEB] La buil della webapp espone l'env	● Done	Luca ...		2	
22	>		📄 [WEB] Il caricamento di AC non deve bloccare la webapp	● Done	Luca ...		2	
23	>		📄 [WEB AI] L'utente deve poter modificare le informazioni usate dall'AI negli assistenti todo e p...	● Done	Luca ...		2	



Do we build everything with AI?

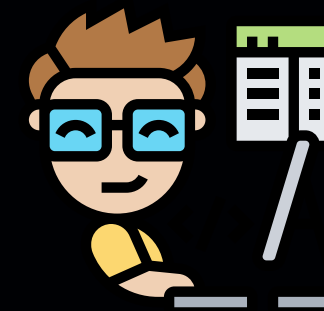
FEATURE CLASSIFICATION

- **MVP**
- **Core – Core Subdomain (DDD)**
- **Satellite – Support & Generic Subdomains (DDD)**



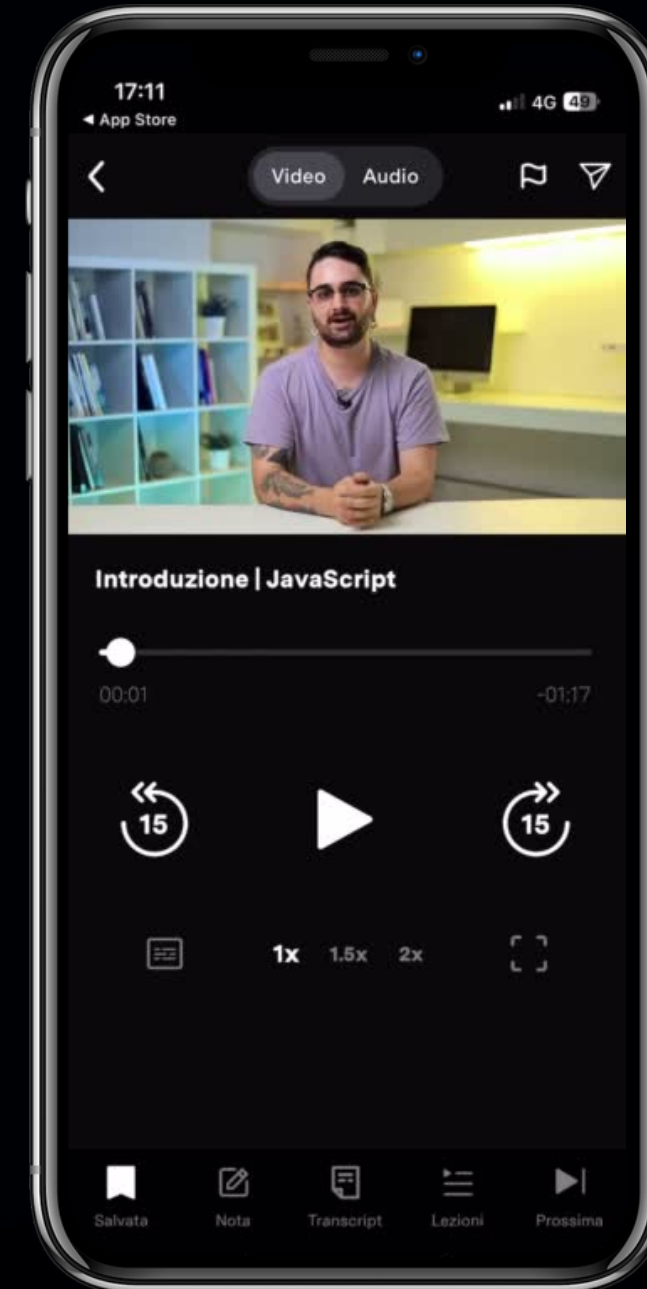
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KEY TAKEAWAYS

1

Classify features

2

Define clear and shared rules

3

Start with small and supervised steps

4

AI is an assistant not an author

5

Context is key

6

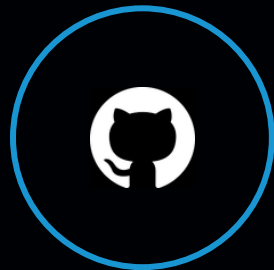
Strategy > Tools



**AI doesn't replace the team.
It forces us to rethink how we
build products and that requires
more leadership, not less.**



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