Invent, Rebuild & Fly an Aeroplane in Midair

vibe coding a business while inventing its model

- Startups don't learn when being ghosted by potential VCs

- German HealthTech startups won't scale to Unicorns

- HealthTech investments need expertise

- Getting early user feedback and pilots is super hard

Our AI & human GPs are building up & validating a holistic investment case from different data-sources:

- legal docs
- pitch deck, business plan
- team / product videos
- interview transcripts

- patents / publications

- Started writing software at age 12

- Founder CEO

- Sales / Customer Interaction

- Requirements / Product Market Fit

- Talk to Engineering / Write tickets

At HALBZEIT, the programmer is

- not the Developer
- not the UX or UI Designer
- not the Product Manager

The programmer is the responsible User, more specifically: the GP.

The GP's genuine interest is that both sides (startups and investors) are happy.

- Build features when needed.

- First version provides functionality.

- Location in the product, a menu path and consistent UI

- Use it, learn about weaknesses & unexpected strengths.

We refine functionality, we also refine navigation and composition

- Claude Code CLI (i.e. no IDE)

- CodeRabbit (code reviews)

- github actions (DAST, SAST)

It's hard to balance between learning new tools, actually building the product & running the business.

- Just writing the *user specs* is not enough for a sustainable product to emerge from agentic coding.

- You need to have a rough idea about the *architecture* and *components* involved so that you can develop and organise the code over a couple of months.

- You don't only do code refactoring but actually *feature refactoring:* where features need to be, when to remove, when to converge.

- *Early user retention is increasing* because your iteration cycles are 10x faster, thus PMF is achieved at much lower cost.

Management vs Responsibility:

- *Managing* multiple AI agents is a consequence of 10x productivity.

- *Responsibility*: ensure that the agents produce *and* operate a product that can be used and is useful 24/7.
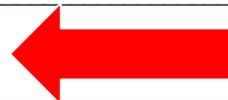
"Not my area of responsibility" is not a valid excuse anymore.

- DevOps incl. scaling CPU / GPU

- Backup / Restore routines

- Testing Infrastructure

- Setup Firewalls / Reverse proxies

- Database Migration

- RBAC / User handling

- Behavioural measurements

Language	Files	Lines	Blanks	Comments	Code	Complexity
Python	483	145,096	15,552	17,145	112,399	9,210
JavaScript	206	60,175	7,027	4,521	48,627	2,914
Shell	185	38,608	5,361	3,527	29,720	3,229
SQL	142	23,659	2,633	3,043	17,983	2,744
Markdown	139	50,916	11,466	0	39,450	0
JSON	75	8,419	14	0	8,405	0
CSV	14	465	0	0	465	0
Plain Text	12	211	26	0	185	0
Systemd	12	499	65	47	387	0
XML	7	7	0	0	7	0
YAML	6	1,309	163	223	923	0
Dockerfile	4	166	41	48	77	13
INI	3	273	38	72	163	0
TOML	3	122	11	6	105	0
BASH	2	260	32	43	185	25
HTML	2	139	11	1	127	0
Nix	1	31	5	0	26	0
Total	1,296	330,355	42,445	28,676	259,234	18,135

```
Estimated Cost to Develop (organic) $9,246,383
Estimated Schedule Effort (organic) 32.02 months
Estimated People Required (organic) 25.65

Processed 16076856 bytes, 16.077 megabytes (SI)
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