Hedi Bannour

AI product engineer and founder

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SUMMARY

I take an AI product from the idea to a working system: the interface, the back end and everything around the language model. Four companies started, five internships (two with AI work) and 33 projects. At Cal State San Marcos, California, from January 18 to August 13, 2027.

FOUNDER

Decidao · Co-founder LEFT — Sep – Oct 2026
Software that reads a public construction tender file and gives a bid or no-bid opinion, every fact cited to its page. Built with coding agents; three models measured against hand-written expected answers. No pilot, no user.

Nearchon · Co-founder and CTO LEFT — Jul – Oct 2026
AI physics tutor that follows the student's handwritten reasoning line by line, first built for AP Physics C: Mechanics. Product, architecture, the system around the language model (context, tools, evaluation); customer discovery, early tests with students.

Tabeebi · Co-founder STOPPED — Apr – Aug 2026
Practice software for private doctors in Tunisia: the doctor dictates, the software drafts the report. Surveyed 55 private doctors before building; built most of it with coding agents (Next.js, PostgreSQL, Claude API). Never reached real patients.

Émile · Co-founder STOPPED — Nov 2025 – Apr 2026
Pricing and operations offer for short-term rental agencies, sold as a service first. Built the prospecting CRM (Next.js, Supabase), an AI gateway that drafts emails and scores leads, and the public site. No agency we called wanted to go further.

EXPERIENCE

SN Perfect · Software engineering intern — Sep 2026 – now
Building the internal ERP of a multi-site cleaning business on Frappe, ERPNext and Frappe HR: staff and contracts, client sites, a mobile space for field supervisors, monthly closing.

Meosis · Software engineering intern · Horbourg-Wihr, France — Apr – Aug 2026
Built an AI tool that generates website mockups for prospect meetings, and an AI-assisted path from client brief to WordPress site. Fixes on the in-house PHP CRM and ERP, server migrations.

DataScale AI · AI engineering intern · startup, team of three — Sep 2025 – Jan 2026
Real-time shopper tracking with a hot-or-cold intent score, a catalogue scraper and a chatbot that adapts to the visitor.

Infolog · .NET developer intern — Sep – Dec 2024
Industrial CRM in .NET Core and C# for a medical dressing manufacturer: data model and production-chain business logic.

SN Perfect · Internal tools intern — Jul – Sep 2024
Tools that extract data from images and export it to Excel, and automatic form filling, to replace manual entry.

Freelance · Independent developer — 2023 – now
WordPress sites and web tools for private clients and small businesses: features, integrations, automations.

SELECTED PROJECTS

ZooPass `TypeScript, React · team of 2 · 46 of 59 commits · two-day prototype` — Created and deployed the project; the chatbot: chat function, vector database, prompts

R-Type `C++20, Python · team of 5` — The map editor in Python, JSON level loading, the CI on GitHub Actions, the protocol documentation

Jetpack `C, C++ · team of 3` — The server in C: connections, map, coins and obstacles, collisions, end of game

Arcade `C++17 · team of 2` — The Snake game and its three displays: SFML, SDL2, ncurses

Whanos `Docker, Jenkins, Ansible · team of 2` — The ten Dockerfiles for five languages, and their documentation

EDUCATION

Epitech · Software engineering, class of 2028 · France — 2023 – 2028

Cal State San Marcos · Visiting student · California — Jan 18 – Aug 13, 2027

University of Strasbourg · Maths and computer science · France — 2020 – 2023

SKILLS

Stack	TypeScript, Python, C, C++, C#, Haskell, SQL. Next.js and React, FastAPI, Supabase and PostgreSQL, Cloudflare, Docker, GitHub Actions.
AI	The system around the model: retrieval with sources (RAG), agents and tools, context management, evaluation.
Agents	Coding agents every day; deployed Hermes with specialised agents (marketing, legal research) and Paperclip.
Security	Six security units at Epitech, including two solo security projects (a CTF and TryHackMe rooms). HackTheBox Season 9: Silver tier, 3 machines fully compromised.
Languages	French, Arabic, English