Thomas Doganay

Design Engineer

thomas.dgny@gmail.com | +48 453 087 430
https://www.thomasdgny.com/ | linkedin.com/in/thomas-doganay/

Profile

Design Engineer experienced in building AI powered products end to end, from product design and frontend development to backend systems and AI agent orchestration. Built an AI native search network for agents as the sole technical contributor. Passionate about designing intuitive experiences for the agentic AI era, where design and engineering come together to shape how people interact with intelligent systems.

Work Experience

Hailera | Design Engineer / Sole Technical Contributor | USA · 2026 - Present

AI native search and discovery network ("Google for AI agents") providing structured access to live business data and knowledge through MCP. Startup participating in the EWOR program.

- Translated the founder's vision into a working platform as the sole technical contributor, owning frontend, backend, dashboards, AI agent facing search/network features, and core product implementation.
- Built MCP oriented infrastructure, background agents, reasoning tools, and orchestration workflows with Python and AWS developed the application using Next.js, TypeScript, and Supabase.
- Designed and implemented the product UI and an entirely custom Figma design system without a prebuilt component library partnered with the founder on product decisions and created pitch decks.
- Developed a custom Figma MCP workflow using existing free MCP tooling to make AI assisted design and engineering more flexible.

Meddow | Design Engineer / Full Stack & AI Engineer | Germany · 2026 - Present

AI powered Meta Ads management platform where users can create campaigns and creatives, manage advertising workflows, and work through a conversational AI interface.

- Redesigned the entire product experience in Figma and replaced the frontend, including the AI chat interface and campaign management flows.
- Refactored inherited frontend code, fixed Python backend issues, and delivered major features including a configurable funnel builder with lightweight website builder capabilities.
- Extended the existing Meta Ads AI agent rather than originating it: repaired and added tools, expanded their access to campaign data, improved chat driven actions, and implemented additional automations.
- Took on broader ownership as the team changed, learned the Python backend to maintain and extend functionality, and designed product and client facing pitch decks.

SpeakDuo | Product Design (Internship) | Warsaw · Nov 2025 - Feb 2026

- Worked closely with the founder on product decisions, translating user needs and business goals into gamified features and engagement flows.
- Designed gamification interactions implemented in the product to encourage participation and improve the overall user experience.
- Created pitch presentations, product proposals, and supporting visuals to communicate ideas and align stakeholders.

Craftom | UX Research & Product Design (Internship) | Warsaw · Jun Aug 2025

- Contributed to confidential UX research engagements for a Saudi Arabian organization and a major UK energy company, keeping client identities and deliverables private.
- Participated in user research in Saudi Arabia and translated observations into UX recommendations and stakeholder presentations.
- Wrote UX focused pitch copy and created proposal materials to explain research opportunities and support conversations with prospective clients.

Additional Experience

Freelance | Product Designer & Frontend Developer | Warsaw · 2024 - 2025

- Designed Rewarty's restaurant owner dashboard and customer facing mobile experience, from early UX flows to high fidelity product design.
- Led UX/UI for Notifierlab, a SaaS tool reported in the original CV as used by three companies, and designed the Beam Education nonprofit website.

Brukrat | Frontend Developer | Berlin Feb - Sep 2023

- Built approximately 100 reusable Storybook components to standardize UI patterns and speed up new feature development the original CV reports a 40% reduction in component building time.
- Developed multi factor authentication interfaces and integrated frontend functionality with REST and GraphQL APIs using React, TypeScript, and Tailwind CSS.
- Improved usability and reliability by resolving cross functional UI defects, refining layouts, and maintaining component test workflows with Cypress.
- Collaborated with engineers on implementation consistency and reusable frontend architecture across product features.

Clarusway | Frontend Mentor | Remote · Jun - Nov 2022

- Led weekly hands on React mentoring sessions for groups of approximately 10 students, supporting debugging, component design, and project implementation.

Core Skills

AI & backend: Python, MCP, agent tools and reasoning workflows, orchestration, Supabase, AWS, API integration.

Frontend engineering: TypeScript, React, Next.js, Storybook, REST/GraphQL, Tailwind CSS, Cypress.

Design & product: Figma, custom design systems, interaction design, UX research, prototyping, gamification, product strategy, pitch decks.

Education & Certificates

University of Economics and Human Sciences, Warsaw | Bachelor's Degree | GPA 4.12
SQL Programming | Adobe Design Certificate