

David Shir

Senior Design Engineer | building product interfaces at the intersection of code and design

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Summary

I'm a Design Engineer with 10+ years of experience across frontend engineering, interaction design, motion design, and digital product development — sitting at the intersection of design craft and technical execution, building interfaces that are polished, fast, and easy to use.

I have a strong background in design systems, connecting product design with real, production-ready code. I'm curious about how people think and behave, and I use that understanding to build interfaces that are both crafted and effective — increasingly with the help of AI tools that let designers and engineers work closer together.

Skills

React • TypeScript • JavaScript • Claude Code • Next.js • Cursor AI • Redux • HTML5 • CSS3 • SCSS • Git • Performance Optimization
Product Engineering

Design Systems • Storybook • Component Libraries • Accessibility • Responsive Design • Pixel Perfect UI
Design Systems & UI Engineering

Figma • Interaction Design • UX Collaboration • Design-to-Code • Design Handoff • GSAP • CSS Animation • Micro-interactions • Interactive Experiences
Product Design & Interaction

Experience

Wotch Health

Tel Aviv, Israel

Senior Frontend Engineer

2025–Present

Building healthcare interfaces that make complex clinical workflows feel simple and trustworthy for the people who depend on them — balancing design consistency, performance, and accessibility. Partnering closely with product and design, and using Claude Code to move faster from design to production.

Minute Media

Tel Aviv, Israel

Frontend Engineer - Video Platform & Product Experience

2023–2025

Shaped the viewing experience across Minute Media's video products, designing a consistent UI system so every surface felt considered and cohesive to viewers. Led performance work end-to-end and partnered closely with product and design, using Cursor AI to move faster from design to implementation.

Namogoo

Herzliya, Israel

Frontend Engineer - Interaction Systems & Motion Design

2020–2023

Championed the organization's motion design system end-to-end — authoring implementation guidelines, building reusable interaction patterns, and leading cross-functional workshops that aligned designers and engineers on best practices. Partnered closely with product teams, translating complex interaction design into polished, production-ready interfaces.

ORT Colleges

Jerusalem, Israel

Lecturer - Interaction Design & Product Animation

2018–2020

Taught interaction design and animation principles to design students, guiding end-to-end projects from concept to execution. Mentored students in bridging design thinking and technical execution, and in building interactive digital product experiences.

Films for Change

Tel Aviv, Israel

Motion Designer & Animator

2015–2017

Created motion design projects and digital storytelling experiences for campaigns and media content. Designed visual communication systems that translated complex narratives into clear, engaging animation.

Israeli Air Force

Tel Aviv, Israel

Motion Designer & Animator

2012–2015

Produced animation, instructional media, and visual communication assets for large-scale media projects. Collaborated with multidisciplinary teams to deliver clear, high-impact visual storytelling.

Education

Codecademy

Front End Engineer

Computer Engineering

Tel Aviv, Israel • 2020–2021

Bezalel Academy of Arts and Design

B.A. Visual Communication Design

Product and Motion Design

Jerusalem, Israel • 2016–2020

Hebrew University of Jerusalem

Associate Degree in Education

Arts and Design Teaching

Jerusalem, Israel • 2019–2020