

Nikita Sokolov

PRODUCT-MINDED DEVELOPER & DESIGNER

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I build working products from idea through implementation, combining product design with web, desktop, embedded, and backend development. My optical and banking experience keeps the work grounded in real workflows, clear rules, and dependable outcomes.

EXPERIENCE

Optician Technician & Front Desk Couture Optical - Brooklyn, NY - Support patient intake, insurance verification, appointments, pretesting, and optical order workflows across two locations. - Turn firsthand optical workflow problems into product requirements for LensWise, including quoting, benefits, inventory, sales, and stock control.	Apr 2025 - Present
Analyst I Abacus Federal Savings Bank - New York, NY - Supported day-to-day banking operations and analytical work in a detail-sensitive, regulated environment.	Oct 2023 - Dec 2024

SELECTED PROJECTS

LensWise Designer & developer Live product Built an optical operations app that connects guided quotes, retail and insurance calculations, multi-location frame inventory, payments, sales, and stock updates. React / TypeScript / PostgreSQL / Product Design	2026
LILYGO T-Embed Firmware Firmware development & integration Device-tested prototype Developed ESP32-S3 handheld firmware with local UDP smart-light control, a compact rotary interface, and PN532 NFC compatibility fixes; validated key features on physical hardware. C / C++ / ESP-IDF / PlatformIO / UDP / PN532	2026
Image Effects API Backend development & tooling Deployed service Built and deployed a self-hosted image-processing API with ordered effects, animated GIF handling, per-client keys, rate limits, bounded rendering, tests, and integration documentation. Python / Flask / Pillow / SQLite / Docker / Caddy / REST	2026
Kino - Media Center Solo designer & developer Desktop application Built an Electron media center around the Stremio addon ecosystem with source selection, profiles, watch progress, subtitles, and embedded libmpv playback. TypeScript / React / Electron / Vite / libmpv	2026

SKILLS

Product & design	Product thinking, UI/UX, Figma, prototyping
Development	TypeScript, React, Next.js, Astro, Electron, SwiftUI
Backend & data	Python, Flask, Node.js, PostgreSQL, SQLite, REST APIs
Hardware & infra	C/C++, ESP-IDF, ESP32-S3, Docker, Linux, Vercel, Git

EDUCATION & CERTIFICATIONS

IBM SkillsBuild - AI Literacy Certificate credly.com/go/49F76Rk0	Issued Aug 31, 2026
Kingsborough Community College - College coursework	2019 - 2021; 2025 - Present
Brooklyn College - College coursework	2021 - 2022
Designlab - UX Design Certificate	2024