

Aghyad Ghziel

FULL-STACK DEVELOPER

React and Next.js, end to end — with a specialty in real-time 3D and Arabic-first interfaces.

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PROFILE

I am a full-stack developer with a Computer Science degree, working in React, Next.js and TypeScript on the front and Node and Postgres behind them. I spent two years on SaaS products for startups — AI model tooling at Bagel Labs, where I led the front end, and a two-sided marketplace at Alpha Factory, both with real users, subscription billing and role-based access. I now run SIMA Studio, my own studio in Riyadh, where the same stack carries two things most developers do not do: real-time 3D in the browser, and Arabic-first interfaces built right to left from the first line.

EXPERIENCE

SIMA Studio

Founder · Full-Stack Developer

Jan 2026 – Present

- Founded SIMA Studio, a design and development studio building Arabic-first websites for Saudi companies and brands.
- Delivered NASAQ, a B2B uniform manufacturer's website: a new visual identity, a 3D garment built from a real sewing pattern, and a configurator that feeds the quote request.
- Designed and built the studio's own site — bilingual Arabic and English with full RTL, case studies and published pricing.
- Built a first-party, cookieless analytics and lead pipeline on Postgres with Resend notifications, behind an admin dashboard.

Next.js · React · TypeScript · React Three Fiber · Three.js · GSAP · Postgres · Tailwind CSS

Bagel Labs

Full-Stack Developer · Frontend Lead

Jan 2024 – Aug 2025

- Led the front-end architecture of a SaaS platform for fine-tuning and deploying AI image and video models, including VEO 3 and Flux.
- Built authentication and authorization with NextAuth.js, OAuth providers and role-based access control.
- Integrated Stripe for subscriptions, billing workflows and transaction handling.
- Implemented model deployment and fine-tuning workflows with real-time status monitoring.

Next.js · React · TypeScript · NextAuth.js · Stripe · AWS S3 · DynamoDB · Radix UI

- Built a two-sided collaboration platform connecting influencers with designers and video editors.
- Developed role-specific dashboards for four user types, each with its own permissions and workflow.
- Integrated PayPal and cryptocurrency payments for project-based transactions.
- Built an admin panel for moderation, user management and dispute handling.

Next.js · React · TypeScript · Node.js · Prisma · PayPal API · Tailwind CSS

SELECTED PROJECTS

SIMA Studio Studio website [simastudio.it.com](#)

The website for SIMA Studio — the design and development studio I founded, building Arabic-first sites for Saudi companies and brands. Bilingual, with a first-party analytics and lead system behind it.

Bagel Labs AI SaaS platform [app.bagel.com](#)

A subscription SaaS platform for fine-tuning and deploying AI models. I led the front end and built the authentication, billing, data pipelines and admin tooling behind it.

NASAQ Brand site + 3D configurator [nasaqksa.com](#)

A Saudi B2B workwear company: a new identity, a 3D T-shirt sewn from a real sewing pattern in a cloth simulation, and a live configurator that turns a browsing procurement manager into a specific quote request.

Alpha Factory Collaboration platform [xalphafactory.com](#)

A collaboration platform connecting influencers with designers and video editors — submissions, revisions, deliveries and payments handled in a single workflow.

TECHNICAL SKILLS

Frontend

React · Next.js · TypeScript · Tailwind CSS · Figma

Backend & infrastructure

Node.js · Express · SQL · Prisma · AWS

Payments

Stripe · PayPal

3D & motion

Three.js · React Three Fiber · GSAP

EDUCATION

Kazan Federal University

Bachelor of Science in Computer Science.

Full-Stack Development

Professional coursework in React, Node.js, Express, SQL/NoSQL and Tailwind CSS.

LANGUAGES

Arabic · English · Russian