

KRISTJÁN INGI GEIRSSON

Full-stack product engineer - TypeScript, AI agents, product systems

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PROFILE

Full-stack product engineer with 8+ years of experience across travel, cybersecurity, education, agency work, and AI-enabled mobile products.

Most of my day-to-day work is in TypeScript, React, Next.js, React Native, and Node APIs. I can take a feature from early product discussion through architecture, implementation, release, and follow-up.

SELECTED IMPACT

- Built customer and internal systems at Icelandair, including booking flows, API integrations, release work, and tools for operations teams.
- Run engineering at Studioek across client websites, apps, e-commerce builds, analytics, automation, and production Next.js work.
- Worked on Adversary.io at Syndis, turning security research and secure-coding workflows into a tool developers could use in practice.
- Currently building Nouri's recommendation and supplement-planning flows, with structured output, safety checks, citations, and clear explanations for users.

APPLIED AI & PRODUCT ENGINEERING

- Own the Nouri mobile architecture across Expo React Native, TypeScript, backend data models, authentication, analytics, notifications, and release readiness.
- Build recommendation flows that turn lifestyle, sleep, activity, and health-profile inputs into wellness and supplement plans with cited explanations.
- Work with OpenAI and Claude APIs, agent SDKs, LangGraph, LangChain, RAG patterns, vector search, Eve, and Flue when building AI workflows.
- Treat AI output like product infrastructure: typed inputs, clear data boundaries, safety checks, fallback states, and enough observability to debug what happened.

TECHNICAL SKILLS

Core Stack: TypeScript, JavaScript, Python, SQL, React, Next.js, React Native / Expo, Node.js

AI & Agents: OpenAI API, Claude API, OpenAI Agents SDK, Claude Agent SDK, LangGraph, LangChain, Eve, Flue

AI Data Patterns: LLM APIs, RAG, embeddings, vector databases, structured outputs, tool calling, citations, safety checks

Backend & Product Systems: Koa, REST, GraphQL, Postgres, Convex, authentication, Turborepo, Vercel

Delivery: EAS builds, Sentry, PostHog, GA4, OneSignal, CI/CD, observability, secure coding

PROFESSIONAL EXPERIENCE

Co-founder & CTO | Studioek - Reykjavík, Iceland

2025 - Present

- Lead full-stack engineering for Studioek, building websites, apps, e-commerce systems, analytics setups, automation tools, and internal product experiments for Icelandic brands.
- Own architecture, frontend implementation, backend integrations, deployment, performance, analytics, and maintenance across production client work.
- Turn early ideas into scoped technical plans and usable software with designers, marketers, and client stakeholders.

Full-Stack Developer | Icelandair - Reykjavík, Iceland

June 2021 - 2025

- Built and maintained full-stack features for Icelandair's flight booking platform using Next.js, React, TypeScript, and Koa backend services.
- Worked on customer booking flows, backend integrations, internal tooling, and releases in a production environment where small errors could affect customers and operations.
- Helped integrate VITA into Icelandair's booking platform after acquisition, connecting frontend and backend systems into one customer flow.
- Built internal tools for Crew and Operations teams and served on Icelandair's Cyber Security Team.

Frontend Developer | Syndis / Adversary.io - Reykjavík, Iceland

2017 - 2019

- Built and helped launch Adversary.io, a cybersecurity platform later acquired by Secure Code Warrior.
- Built the frontend from prototype toward production, turning security research workflows into clear product screens for developers.
- Built secure-coding training and security tooling for technical users, and developed practical instincts around application security, trust, and correctness.

Co-founder & CTO | StudyCake - Reykjavík, Iceland

2015 - 2017

- Co-founded an educational app during Startup Reykjavík that used quizzes, rewards, and brain cells as in-app currency to encourage children to read.
- Owned the early technical stack, product development, deployment, and iteration.

SELECTED PRODUCTS & PROJECTS

Wake Up Reykjavík - High-traffic tourism site - Full-stack Engineer

- Built a fast, accessible tourism marketing and booking site using Next.js, React, Tailwind CSS, and Sanity CMS.
- Created modular content sections, tour discovery flows, and booking CTAs for international visitors.

EDUCATION

Reykjavík University: BSc Computer Science - Web Development specialization; final project received 9.5/10.

Technical College Reykjavík: Graduated 2014.