

Dogukan Aktas

Senior Full Stack Developer | React, React Native, Node.js, Python

Istanbul, Turkey | +90 538 215 22 32 | aktasdogukan@yahoo.com

linkedin.com/in/dogukan-aktas | github.com/dogukanaktas | daktas.dev

SUMMARY

Frontend-focused Senior Full Stack Developer with **5+ years** of experience building scalable **web** and **mobile** applications across **SaaS, ERP, e-commerce** and **digital banking**. My core stack is **React, Next.js, React Native, TypeScript, JavaScript (ES6+), HTML5, CSS3** and **Tailwind CSS**, and I have backend experience with **Node.js** and **REST APIs**.

I specialize in **frontend architecture, design systems, LLM-powered product development** and **mobile development with React Native**. I am proficient in **test automation (Jest, React Testing Library, Cypress)**, **CI/CD, Agile/Scrum** and working with **international teams**. I have led frontend teams at Akinon and GAIA, and as the founder of Solidblank I build AI-powered **web** and **mobile** products end to end. I regularly share my experience and insights on **AI engineering** on LinkedIn.

EXPERIENCE

Senior Full Stack Developer & Founder | Solidblank

London, UK | 11/2024 - Present

Solidblank Ltd., digital product studio building AI-powered mobile and web products (sole engineer)

- Built **Zakkum**, a consumer iOS app that helps people reply to chats by turning a screenshot into reply suggestions with **OCR** and an **LLM**. Developed the app with **React Native, Expo, TypeScript, NativeWind** and **Zustand**, launched it in 22 languages, and monetized it through **RevenueCat** subscriptions with webhook-driven entitlement sync.
- Built the Zakkum backend as **12 Deno edge functions** on **Supabase**, giving a solo-run product a serverless API that scales with demand without managing servers.
- Built **golden-set** and **pairwise comparison** evaluation tooling with **Python** and **Node.js** to **measure LLM output quality**, so every prompt change that reaches users is based on measurable data rather than guesswork.
- Developed **Orin**, a relationship and compatibility astrology iOS app, with its data and auth layer on **Appwrite, 10 serverless API routes** on **EAS Hosting** for AI interpretation, subscriptions and location search, and **App Attest** device verification to protect paid AI features from abuse. Validated every request with **Zod** schemas.
- Protected release quality with a **GitHub Actions** CI gate running lint, typecheck, **Jest** and **Playwright** tests and edge function unit tests, and set up **Sentry** monitoring and **EAS Update** over-the-air releases to catch and fix production issues without waiting for App Store review.
- Designed in **Figma** and built the marketing sites for Zakkum, Orin and Solidblank with **Next.js** (App Router, **SSR**), **React, React Hooks, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, shadcn/ui** and **Framer Motion**, with a **UI/UX** focus on clear product storytelling. Added multi-language pages, responsive design and **SEO** with dynamic Open Graph images, sitemaps and structured data to drive organic discovery and app downloads, and shipped them via **Vercel**.

Frontend Developer | Akinon

Istanbul, Turkey | 04/2022 - 10/2024

Omnichannel e-commerce platform (SaaS)

- Led the frontend team for 9 months** on a retail platform serving 30+ global brands, and raised unit test coverage from **5% to 80%** with **Jest, React Testing Library** and **MSW** so the team could ship to stores with confidence. Enforced lint and tests before every commit with **husky** and **lint-staged**.
- Built the core selling flows of Akinon Instore, the web app store staff use to sell in store, with **React, Redux, TypeScript** and **JavaScript (ES6+)**, covering basket, checkout, order management (OMS), customer, barcode/QR scanning, receipt printing and Excel export. Owned feature and bug fix requests end to end for **30+ brand projects** such as Samsung, GAP, Lacoste, Marks & Spencer, Under Armour and L'Occitane.
- Turned **Zeplin** designs into consistent, multi-language interfaces with **Ant Design, LESS, HTML5, CSS3** and **i18next**, so each brand could roll out the same experience across its stores and markets, and managed complex application state with **Redux Thunk** and **Context API**.
- Applied **SOLID** principles while migrating **200+ legacy components** to functional components and **React Hooks**, and upgraded 25+ dependencies across the **Webpack, Babel, NPM** and **Yarn** toolchain, including major React and Ant Design upgrades, closing the performance and security debt that slowed down feature work.
- Standardized **Git**-based code review and raised documentation coverage from **20% to 90%** (TR/EN), shortening onboarding for new engineers, and mentored engineers and product managers in an **Agile (Scrum, Kanban)** setup with **Jira**.

- Kept the average of my KPIs, covering defect rate, sprint completion and order fulfillment, consistently above **104%**, with releases shipped through **CI/CD** and production errors tracked in **Sentry**.

Frontend Developer | GAIA

Istanbul, Turkey | 04/2021 - 04/2022

Fintech / digital banking software

- Launched new **Money Transfer** modules for Digital Commerce Bank, a Canadian digital bank, with **React**, **TypeScript**, **JavaScript (ES6+)**, **Redux** and **Material UI**, giving the bank's customers new ways to move money online, and refactored **400+ legacy components** to make the codebase far easier to maintain and extend.
- Built data-heavy banking screens from **Zeplin** designs with **Syncfusion** components, **SASS/SCSS**, **HTML5** and **CSS3**, and managed shared state across modules with **Context API**.
- **Led the frontend team for 6 months**, owning the technical roadmap, code review and **Git** workflow, and coordinated a **15-person Agile (Scrum)** team in Turkey, Canada and Kyrgyzstan to keep sprint goals and bank deliveries on track.
- Using **React** and **TypeScript**, kicked off the bank's new ERP project, built its foundation as a high-performance SPA with a **Babel** and **NPM** based build setup, **CI/CD** and **Sentry** monitoring, and took it to its **MVP** release.

Frontend Developer | Potanet

Istanbul, Turkey | 11/2020 - 04/2021

ERP and e-invoicing startup based at Bogazici University Technopark

- As Potanet's **sole frontend developer**, built the ERP panel businesses use to run their daily operations, with **100+ reusable React components** in **TypeScript**, **JavaScript (ES6+)**, **HTML5**, **CSS3**, **Material UI** and **SASS/SCSS** and a responsive design that works across devices.
- Built the **MVP** of the Potanet e-Invoice product from scratch with **React**, **Redux** and **Context API** on a **Babel** and **NPM** based setup and delivered it 2 weeks ahead of schedule, so the company could bring its e-invoicing offer to customers sooner.
- Acted as the main technical contact for customers, turning their requirements into features shipped through **Agile (Scrum, Kanban)** sprints with **Git** and **CI/CD**, and cut average issue resolution time by **roughly 30%**.

TECHNICAL SKILLS

AI / LLM: LLM integration, prompt engineering, prompt caching, RAG (retrieval-augmented generation), LangChain, embeddings and vector search, tool calling, structured outputs, AI agents, MCP (Model Context Protocol), provider-agnostic LLM architecture, token streaming over SSE, OCR and vision pipelines, LLM output evaluation (golden sets, pairwise comparison), token and cost tracking, AI-assisted development (Claude Code, Codex, Cursor, agentic workflows)

Frontend: React, Next.js (App Router, SSR/SSG), TypeScript, JavaScript (ES6+), HTML5, CSS3, Vue.js, SPA architecture, component architecture and design systems, React hooks, state management (Redux, Redux Thunk, Zustand, Context API), TanStack Query, Zod, REST and GraphQL integration, i18n (i18next), responsive design, accessibility (a11y), web performance optimization, SEO, Webpack, Vite, Babel, NPM, PNPM, Yarn

UI & Styling: Tailwind CSS, shadcn/ui, Material UI, Ant Design, Bootstrap, Syncfusion, SASS/SCSS, LESS, Framer Motion, Figma, Zeplin, UI/UX

Mobile: React Native, Expo (Expo Router, EAS Build/Update), NativeWind, Reanimated, MMKV, RevenueCat, App Store release process

Backend: Node.js, Express.js, Python, Deno, serverless and edge functions, REST API design, GraphQL, WebSockets, webhook integrations, App Attest

Backend Services: Supabase, Appwrite, MongoDB, EAS Hosting

Testing & DevOps: Jest, React Testing Library, MSW, Vitest, Cypress, Playwright, husky, lint-staged, Git, GitHub Actions, CI/CD, Vercel, Sentry, SOLID, Jira, Agile (Scrum, Kanban)

EDUCATION

Beykent University - MBA

2019

Beykent University - B.Sc. Electronics and Communication Engineering

2017

LANGUAGES

English (advanced), Turkish (native)