



OKAN AY

Address: İstanbul, Turkey
Phone: +90 532 546 82 28
Email: okanay@hotmail.com
Website: www.okanay.com

SUMMARY

Full Stack Engineer focused on building scalable web architectures and high-performance applications. Specialized in the React ecosystem and Go (Golang) backend services. Experienced in managing the entire frontend lifecycle of complex projects, from system design to production deployment on Ubuntu/Nginx servers. Passionate about clean code and creating reusable, modular component systems.

WORK EXPERIENCE

November 2024 – Present

Full Stack Developer | Heraklet İstanbul, Turkey | Project: guideofdubai.com

Lead frontend architect for a Super App consolidating Flights, Hotels, and Visa services. Designed the system from scratch to ensure long-term maintainability.

- Scalable Feature-Based Architecture:** Engineered the frontend structure using a Feature-Based pattern. This decoupled business modules (Flights, Hotels) to allow independent scalability and easier maintenance.
- Reusable Component Ecosystem:** Built a type-safe UI library (Forms, Modals) using React 19 and Tailwind CSS, standardizing the UX across the platform and reducing development time.
- System Sustainability & State Management:** Implemented TanStack Router for type-safe routing and Zustand for atomic state management, preventing common navigation bugs and prop-drilling issues.
- Blog Module Engineering (Full Stack):** Took full ownership of the Content Engine's end-to-end development lifecycle.
 - Backend:** Built high-performance microservices using Go (Gin) for the blog API.
 - CMS:** Created a custom editor using Tiptap, enabling the marketing team to embed dynamic product cards into posts.
- Infrastructure & Asset Optimization:** Configured production environments on Ubuntu using Nginx and integrated Cloudflare R2 for low-cost, high-speed image delivery globally.

PROGRAMMING KNOWLEDGE

- Core Technologies:** Golang, TypeScript, JavaScript, SQL.
- Frontend Core:** React, Feature-Based Architecture, Server-Side Rendering (SSR), Client-Side Optimization, Design Systems (Tailwind CSS).
- Backend & DevOps:** Gin Framework, PostgreSQL, Redis, Nginx, Ubuntu (Linux)
- Tools & Libraries:** TanStack Ecosystem (Query, Router), Zustand, Immer, Zod (Schema Validation), Git, Postman.

EDUCATION

Istanbul Aydin University Bachelor of Arts in Gastronomy and Culinary Arts

2017 – 2021

Dedicated post-graduate period to learning modern web architecture and coding principles.