OKAN AY

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

SUMMARY

Full Stack Developer with 3 years of experience specializing in modern web architecture. Currently architecting a comprehensive travel platform using React and GoLang. Delivering fast, reliable web applications and managing complex projects from concept to launch.

EDUCATION

Istanbul Aydin University   **2017 – 2021**

- Gastronomy and Culinary Arts

WORK EXPERIENCE

Full Stack Developer | Heraklet   **November 2024 – Present**

I lead the development of the "Guide of Dubai" Super Web App. I manage the entire project frontend lifecycle.

- **Key Accomplishment:** Built a large-scale travel platform that combines Flights, Hotels, Rent-A-Car, Yachts, Tours, Tickets and Visas into one single app. The system works very fast and handles complex booking processes smoothly for thousands of users.

- **My Responsibilities:**
  - **Frontend:** I built the main website using React. I designed a modular structure where every service (like Tours or Tickets) works independently. This makes the app easy to update and maintain.
  - **Backend:** I created a custom Content Management System (CMS) for the blog. I used GoLang for the backend API and Cloudflare R2 to store images cheaply and efficiently.

- **Adaptability & Collaboration:** I designed the project structure to be flexible. If we need to remove or add a new service (like Yacht rental), it does not break the rest of the app. This helped the team work faster and more efficiently.

PROGRAMMING KNOWLEDGE

- **Backend:** GoLang
- **Frontend:** React, TypeScript, Tailwind CSS, Framer Motion, HTML5, CSS3
- **Infrastructure & DevOps:** Hetzner, Cloudflare (R2, Workers), GitHub Actions
- **Databases:** PostgreSQL, Redis
- **Tools:** Git, Postman, Ubuntu, Nginx

PROJECT

Guide Of Dubai - Travel & Booking Platform   guideofdubai.com

Technology Stack : React, TypeScript, GoLang, Cloudflare R2 / Workers, PostgreSQL, Redis, Nginx

Core Platform Engineering (Travel & Booking)

- **Scalable Architecture:** I designed the website so that different services (like Tickets, Yachts) work independently. If one part has an issue, the rest of the site keeps working perfectly. This also makes it very easy to add new features later.

- **Fast & Smooth Navigation:** I used TanStack Ecosystem to manage how users move between pages. I optimized how data loads so the website opens instantly and doesn't "jump" or flicker while loading.

- **Globalization:** I built a system that handles multiple languages and currencies. It automatically remembers the user's preferences (like English/USD) for their next visit.

Content Engine & Blog Integration

- **Backend:** I built the main API services using GoLang, PostgreSQL, and Redis. I made sure the backend communicates perfectly with the Frontend to prevent errors.

- **Image Storage:** I used Cloudflare R2 to store and serve images. This allows images to load very fast for users anywhere in the world while keeping server costs low.

- **Custom Blog Editor:** I created a special text editor (using Tiptap) for our content team. Unlike standard editors, this one allows them to easily drag-and-drop product cards and alert boxes directly into blog posts.