Nino Wagensonner

Freelance Software Engineer / Consultant

> *I love to **empower businesses** of every scale, from large established corporations to emerging startups, to transform their **visionary ideas** into tangible **products**.*
>
> *With over 20 years of hobbyist and almost **15 years of professional programming** experience, my passion for computing encompasses everything from hardware to software.*

About me

- ✳ August 16th, 1986 in Munich
- 📱 +49 176 624 224 77
- ⊕ Unterschleißheim, Germany
- ✉ n.wagensonner@manyminds.de
- 🔗 https://www.linkedin.com/in/wagensonner
- 🔗 https://github.com/manyminds

CV

01.2020 - now
Freelance Software Engineer / Consultant

04/2018 - 12/2019
Lead App Developer · The Software Fanatics GmbH

10/2017 - 03/2018
Senior Software Engineer · Brabbler AG

07/2016 - 09/2017
Senior Software Engineer · The Software Fanatics GmbH

09/2012 - 06/2016
Software Engineer · Voycer AG

08/2014 - 05/2015
Freelance Software Engineer

08/2011 - 09/2012
Junior Software Engineer · Travian Games GmbH

09/2009 - 07/2011
Ausbildung Fachinformatiker Anwendungsentwicklung · pauldirekt GmbH

09/2007 - 08/2009
Computer Science Student · Technical University of Munich

08/2007
Abitur · Willi Graf Gymnasium Munich

2005 - 2012
Voluntary Leadership of a Children's Summer Camp · KJG Freimann

Skills

App Development
Flutter, SwiftUI

Frontend
React, SvelteJS, Node.js, ES6, TypeScript, Redux

Backend
Golang, Node.JS, PHP, Apollo GraphQL, Java, C, Rust

Infrastructure
LLM, Kubernetes, Docker, MySQL, PostgresSQL, MongoDB, Firebase, Cassandra, gRPC, RabbitMQ, GCE, Neo4j

Tooling
NeoVim, Git, Blender, Sketch, Figma, Adobe XD

Working Method
Continuous Integration, Clean Code, Test Driven, Pair Programming, Scrum, Kanban

Soft Skills
Team Player, Mentor, Solution- Oriented, Effective
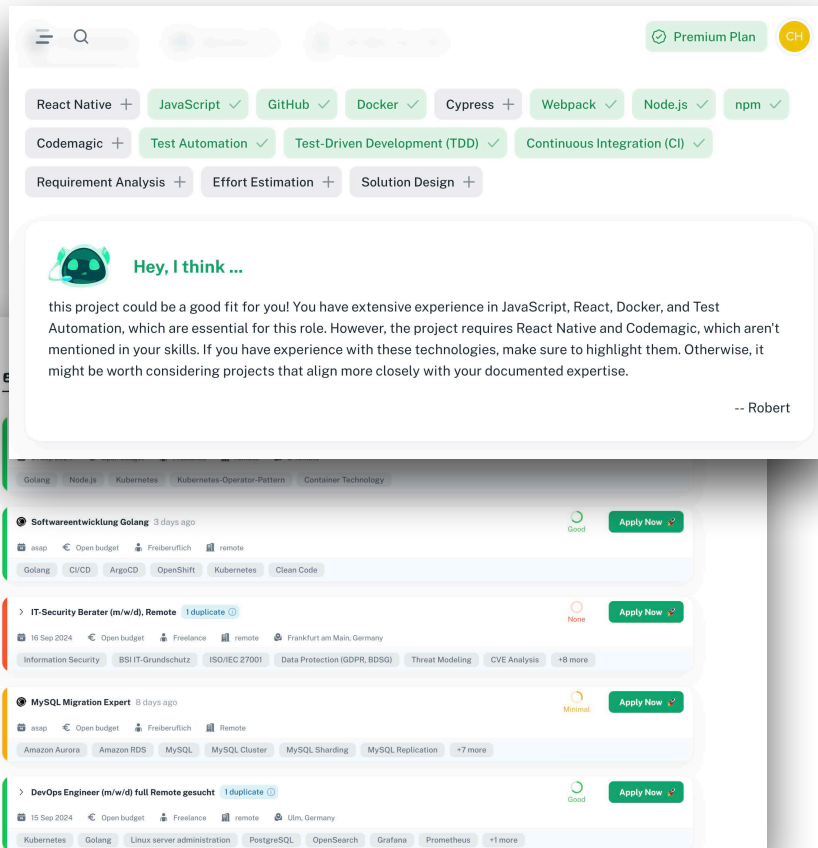
Languages
English, German

Success Stories

The Project

At projectfit.ai, we use advanced AI technology to help professionals find clients by understanding their skills and preferences. It automates the search for relevant opportunities, saving time and avoiding the need for generic applications. With projectfit.ai, finding the right project becomes a more focused and efficient process.

As a co-founder, my role involves overseeing the development and implementation of these AI-driven solutions. I focus on LLM and prompt engineering, product development, and integration with TypeScript and React to ensure the platform functions seamlessly. Additionally, I lead sales and business development efforts to expand our reach. A key challenge is ensuring our AI accurately understands and matches user skills, while continuously evolving the platform to meet changing technologies and user needs.

Tasks

- LLM and Prompt Engineering
- Sales and Business Development
- Product Development
- Integration with Typescript and React

Challenges

- Developing an AI-driven platform that accurately understands and matches user skills and preferences
- Driving sales and business development to expand the platform's reach
- Continuous product development to keep up with evolving AI technologies and user needs

Technologies

Typescript   AWS   LLM   Ollama   LocalStack

The Project

At freenet, my key responsibility is managing and extending the company-wide GraphQL proxy, which serves as the central entry point for all clients across all backends.

The project involves maintaining the proxy, ensuring seamless integration with various backends, and continuously improving its performance and reliability.

Additionally, I provide team-wide error analysis and offer consultation on architecture and schema design.

Tasks

· Development and Maintenance of the GraphQL Proxy
· Cross-Team Error Analysis
· Architectural and Schema Design Consultation
· Integration with AWS Lambda, Typescript, Auth0, and GraphQL

Challenges

· Ensuring high performance and reliability of the central GraphQL proxy
· Seamless integration with diverse backend systems
· Maintaining backward compatibility amidst continuous updates and improvements
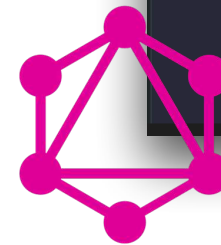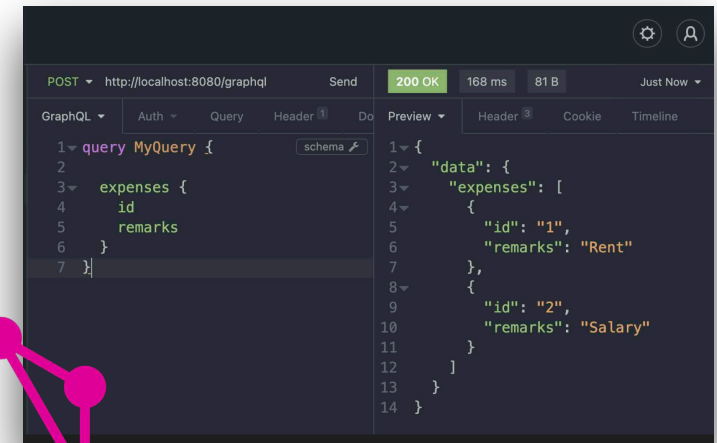
Technologies

TypeScript GraphQL AWS Lambda Auth0

The Project

At aidhere, my key responsibility was developing the Kontina app, an innovative whitelabel solution aimed at providing a foundation for future applications.

The project required me to build a backend architecture prototype and to develop a versatile and adaptable package structure for the app, utilizing the Flutter Framework.

Kontina features components such as a diary, dynamic rendering of cms content, reminder notifications, biometrics, and much more.

Tasks

- Flutter App and Web Development
- Backend Services in Go
- Mentoring of the existing Development Team
- Integration and Unit Testing

Challenges

- Custom offline-first sync mechanism
- Reusable packages for whole features
- A cms built with flutter that renders the same components as the app
- to preview the content for the content creator on the fly

Technologies

Flutter   Golang   Riverpod   Kubernetes   Telekom Cloud

aidhere

kontina

Studienteilnahme   Magazin   Support

Überaktive Blase? Werden Sie Teil der kontina®-Studie!

Im Rahmen unserer Studie zur digitalen Therapie mit der kontina®-App erlernen Sie ganzheitliche Behandlungsschritte zur Verbesserung der Beschwerden, die Ihre überaktive Blase („overactive bladder", OAB) verursacht. Eine Aufwandsentschädigung gibt's obendrauf!

Jetzt teilnehmen

kontina® – Ihre digitale Therapie bei überaktiver Blase

kontina® ist eine App, mit der Sie Ihre Blasenbeschwerden langfristig in den Griff bekommen können. Sie unterstützt dabei, die Symptome einer überaktiven Blase zu reduzieren und dauerhaft eine positive Veränderung des Alltags zu erreichen.

Willkommen bei kontina!
Deine digitale Inkontinenz-Therapie

Für entspanntere Tage und Nächte

- ✔ interaktive Lerninhalte
- ✔ ganzheitliche Übungen
- ✔ akute Hilfe bei Drangwellen
- ✔ einfach in den Alltag integrierbar

The Project

The social startup Lokal-digital.click operates Germany's largest cross-industry and actively moderated community for Ausbildungen in Germany with its brand Azubi.click. I was tasked to build an app where users can find possible open Ausbildungsstellen around their location or a location of their choosing.

Tasks

- Flutter App Development
- Backend Services in Go
- Building a web crawler
- Location based search

Challenges

- Getting search results just perfect
- Low Budget

Technologies

Flutter	Golang	Riverpod	Bleve	Google Cloud	Docker
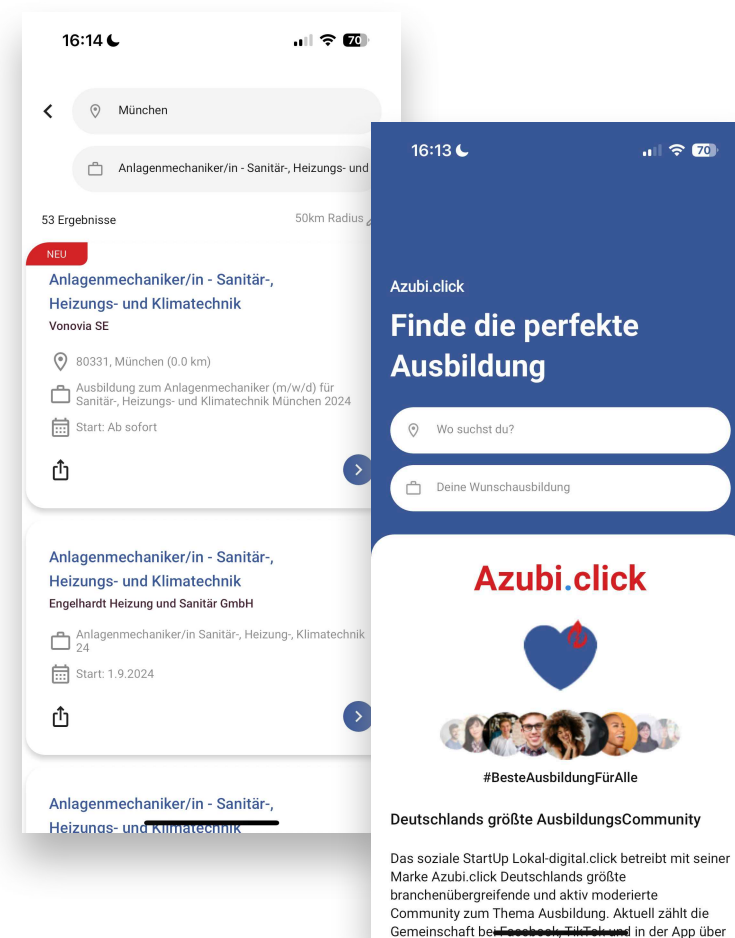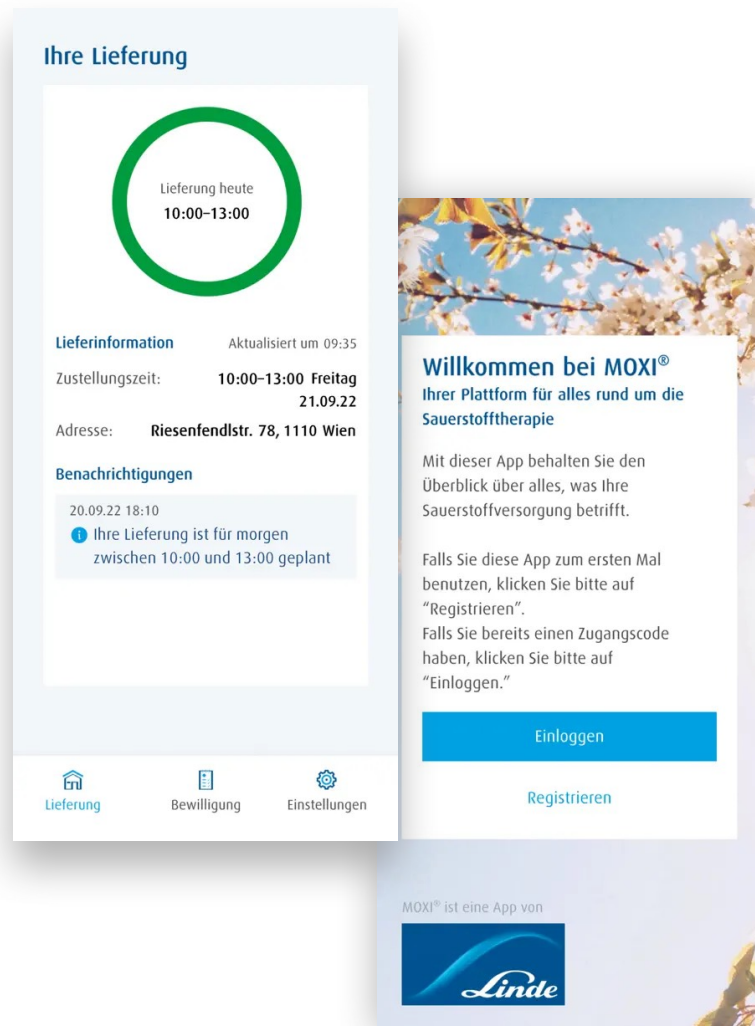
The Project

The company Motius was commissioned by Linde to build an app that allows patients to track the deliveries of their oxygen cylinders.

As part of this, I was contracted by Motius to work with the development team of Linde Austria to realize the backend for this purpose, and to assist in the development of the app.
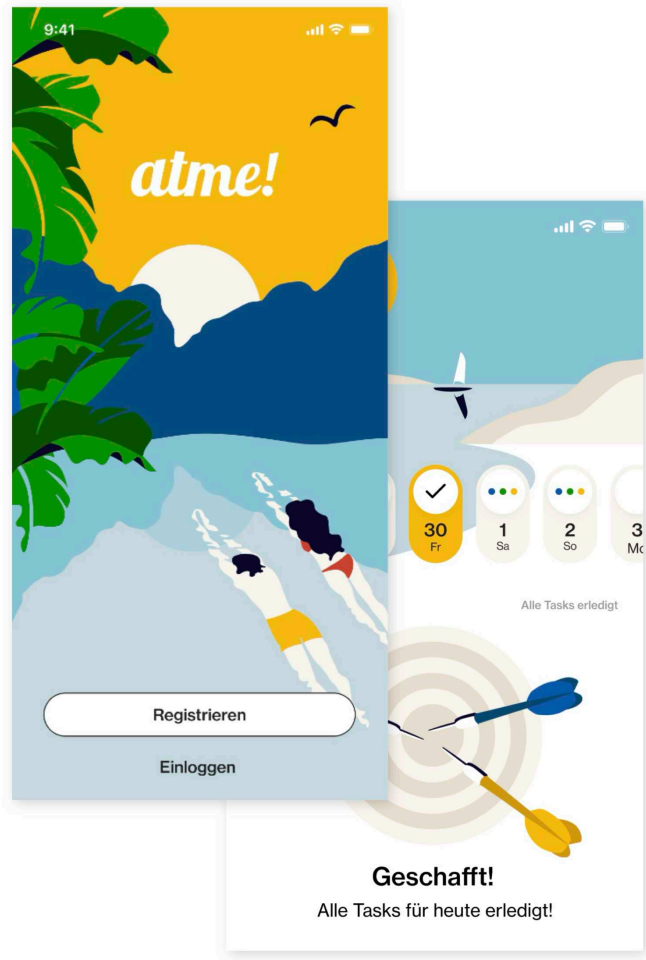
Tasks

· Backend Development with Google Cloud
· Building GDPR compliant APIs for data synchronization
· Realtime synchronization for the app with Firebase

Challenges

· Super short timeframe of one month
· Parallel building of apis with almost no integration time

Technologies

Flutter   Golang   Firebase   Google Cloud Functions   SFTP

atme!   Soccerbrands GmbH

The Project

The goal of atme! app is to assist people bettering their lives.
With the help of a personal algorithm each user gets daily tasks according to their needs to live a healthier live. Tasks range from meditation, to drinking water, to making small workouts.

On behalf of Soccerbrands GmbH, I led the development process and implementation of an app for end users on iOS/Android. The project utilized a serverless architecture with a Firebase backend, programmed in TypeScript, and was tested with Jest.

Tasks

· Full-Stack App Development
· Technologies: Firebase, Flutter, TypeScript
· Setting up CI/CD pipelines
· Implementation of code review processes
· Coaching the existing team
· Concept planning

Challenges

· small team of juniors
· backend synchronization with external partner

Technologies

Flutter   TypeScript   NodeJS   Firebase   Google Cloud Functions

The Project

Brainloop is the leading provider of highly secure data room solutions for secure collaboration on confidential documents.

I support the team regularly in developing a highly secure product in a microservices environment.

This included using vault for securing credentials used in the cluster and other microservices de facto standards such as service discovery and event sourcing.

Tasks
· Support the team scalable solutions
· Backend Development
· Frontend Development

Challenges
· big codebase with complex concepts
· ultra high security

Technologies

Golang   React   ActiveMQ   CQRS

The Project

On behalf of Bornholdt Lee GmbH, I assisted in the development of an app designed to support breast cancer patients. The app was constructed to be eligible for DiGA certification.

Tasks

• Flutter development according to ISO Standard 62304
• Specification of APIs with the backend team

Challenges

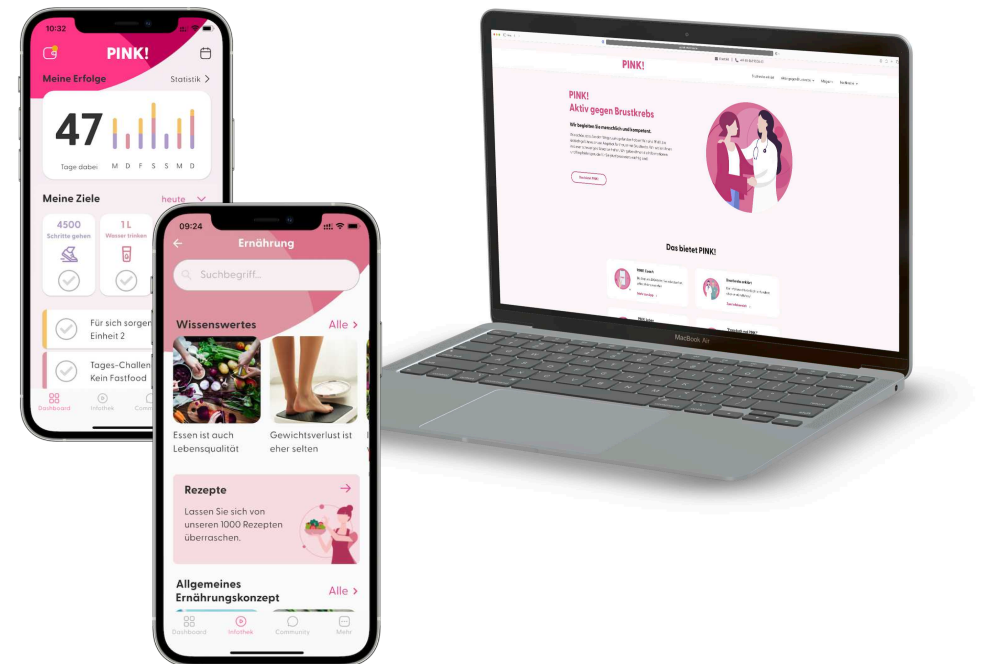A significant challenge in this project was the rather tight deadline of just three months.

Technologies

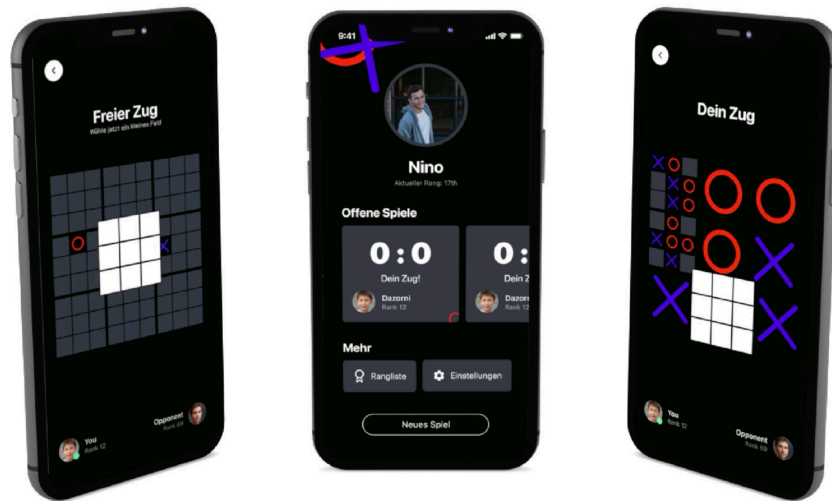| Flutter | Flutter Bloc | Hive | Clean Architecture |

neverdone.

The Project

The Tic Tac Nine app has been released as a cross-platform multiplayer game in the app stores.

The backend was entirely implemented in Firebase, featuring player matching and a few AI opponents who occasionally play against real players.

Tasks
- App Development with Flutter
- Backend Development with Firebase
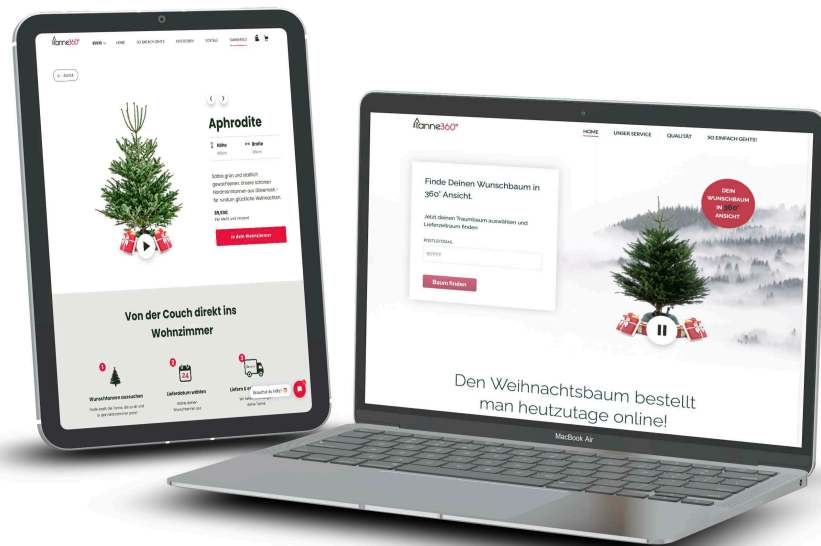- Ai implementation

Challenges
- Matchmaking with players and ai opponents

Technologies

Flutter   Golang   Google Cloud

The Project

Tanne360 is a seasonal, local project that went live for the first time in December 2019 and launches every year since then.

On the Tanne360 website, every customer can view the exact christmas tree in a 360° view, which they can also order.
Additionally, buyers (similar to Amazon PrimeNow) can define a delivery window in which they receive their tree.
The project was implemented using Shopify.

Tasks

· Technological evaluation, prototyping, and implementation of the 360° view
· Shopify setup - Delivery time module for Shopify
· Photographing and isolating the trees

Challenges

· Finding a good setup that allowed us to get a tree in high quality from the studio to the website

Technologies

Shopify   Javascript   Photoshop

aidhere

The Project

The Zanadio app by Aidhere GmbH is a medical mobile application aimed at supporting patients in obesity therapy.

The app includes a personal coach, connections to smart devices such as a Wi-Fi scale, a fitness bracelet, and others.

The biggest challenge in this project was the high software requirement for certification as a medical product and the use of the SaaS backend chino.io.

Tasks

· Flutter development according to ISO standard 62304
· Integration of fitness hardware via Bluetooth
· Implementation of a video chat with agora.io.

Challenges

· Different Bluetooth integrations
· Short Time to Market

Technologies

Flutter   Chino.io   Agora.io   Thryve.health

The Project

Hoiz was created in 2019 for the Oktoberfest in Munich.
The iOS and Android app was based on a system where there were daily contests in which the best Oktoberfest photo won.
Prizes were provided by partner companies in Munich, whose banners were displayed while users rated the submissions of other participants.
The photo rating process was similar to Tinder, using swiping.
The app was developed in Flutter, with a Golang backend and Postgres as the database.

Tasks

· Building the Backend
· Flutter development
· Maintenance of Campaigns / Prices / Sponsors
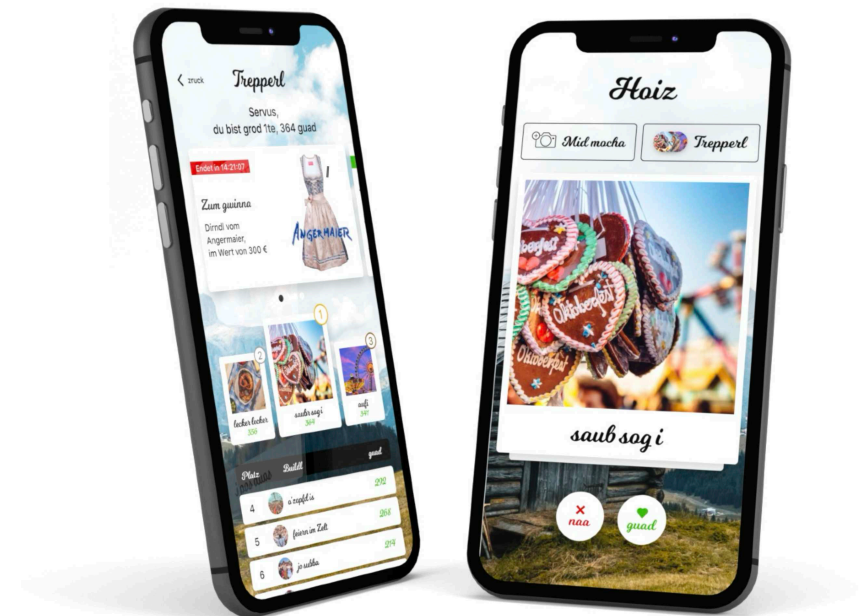
Challenges

· Getting through the Apple Review
· Handling traffic spikes

Technologies

Golang   Flutter   PostgresSQL

Your project could be on this slide! 🫥