

# KHALIT HARTMANN

Freelance Fullstack Engineer / Flutter Expert

🏠 <https://khal.it/>  
🐙 <https://github.com/khal-it>  
🌐 <https://www.linkedin.com/in/khalit-hartmann>  
✉ [development@khal.it](mailto:development@khal.it)  
☎ +49 176 233 680 34  
📍 Berlin, Germany



## EXPERIENCE

### Freelance Team Lead - Mobile App Development

SnapNext GmbH

📅 01.08.2024 - 01.03.2025

**Personnel responsibility:** 2 Developers **Task:** Led the mobile app development team for the Medi app, focusing on feature delivery and codebase improvements.

**Achievements:**

- Increased daily subscriptions significantly within 6 months.
- Boosted user engagement with OneSignal push notifications.
- Launched a new podcast feature for the Medi app.
- Implemented in-app messaging, notifications, and promotions.
- Integrated Maestro for automated testing.
- Enhanced codebase scalability and maintainability.

Health & Lifestyle

Team Leadership

Push Notifications

One Signal

In App Notifications

Automated Testing

Flutter

Dart

Docker

Python

GraphQL

GCP

Firebase

Sentry

Google Analytics

CI/CD

WebRTC

SRTP

iOS

Android

PostgreSQL

### Freelance Mobile App Developer

On AG

📅 01.03.2024 - 01.08.2024

**Personnel responsibility:** —

**Task:** Developed and integrated advanced AI features and analytics into the ON App, collaborating with cross-functional teams.

**Achievements:**

- Spearheaded the AI-Chatbot Initiative within the ON App.
- Integrated advanced AI features into the app.
- Collaborated with cross-functional teams.
- Assisted in the development of the RAG-Pipeline.
- Launched the US Pilot for the ON App.
- Helped develop and implement an extensive analytics concept.
- Implemented automated tests with Maestro.
- Implemented advanced filtering feature.

E-Commerce

Flutter

Dart

Firebase

Sentry

Google Analytics

REST

LLM

Chatbot

Automated Testing

Docker

Contentful

iOS

Android

On App

## LANGUAGES

German  
English  
Arabic



## EDUCATION

Computer Science (Informatik), B.Sc.  
TECHNICAL UNIVERSITY OF BERLIN

📅 Berlin, 2021

## AREAS OF EXPERTISE

</> **Programming Languages**

- **Expert:** Dart
- **Proficient:** TypeScript, JavaScript, Python,
- **Competent:** Java, Kotlin

⚙️ **Frameworks**

- **Expert:** Flutter
- **Proficient:** ReactJS, Spring Boot, NestJs
- **Competent:** Vue.js, ARCore

🔧 **Tools**

- **Expert:** Firebase, Sentry, CI/CD
- **Proficient:** Docker, Sentry, Google Analytics, Contentful, Strapi, Terraform
- **Competent:** Maestro, Automated Testing, REST, LLM, WebRTC, Selenium, Scrapy, BeautifulSoup, Spacy, Salesforce, Shopware, GraphQL, NodeJS

🗄️ **Databases**

- **Expert:** Firebase
- **Proficient:** PostgreSQL, MongoDB, S3, SQLite
- **Competent:** MySQL, Redis, Elasticsearch

## Freelance Mobile App Developer

### Roodie Health GmbH

📅 01.10.2023 - 01.03.2024

**Personnel responsibility:** 1 Developer **Task:** Led the rewrite of the React Native app in Flutter and managed white label development.

#### Achievements:

- Rewrote the existing React Native App in Flutter.
- Led White Label Development for Roodie Health App.
- Implemented CI/CD Pipelines for development, deployment and testing.
- Provided technical consulting on best practices.

Health Tech Flutter Dart Google Analytics Firebase Cloud Messaging / Push Notifications Sentry Strapi REST Java Spring Boot CI/CD iOS Android PostgreSQL Roodie App

## Flutter Engineer / Backend Engineer

### MediaMarktSaturn Technology GMBH

📅 15.09.2022 - 29.02.2024

**Personnel responsibility:** —

**Task:** Developed new features and optimized CI/CD pipelines for MediaMarkt and Saturn apps, and improved omnichannel communication.

#### Achievements:

- Worked in a team of more than 30 individuals, including developers, UI/UX designers, product owners, and stakeholders.
- Implemented new features in the MediaMarkt and Saturn apps (Team Skittles).
- Optimized CI/CD pipelines and deployed apps to ensure seamless operations.
- Improved omnichannel communication for MediaMarkt and Saturn (Team Shiba Inu).
- Developed event-based push notification service.
- Delivered tech talks on Whitelabel App Development and Smart Push Notifications.

E-Commerce Flutter Dart Firebase Sentry GCP Google Analytics GraphQL TypeScript Contentful Terraform NestJs NodeJS Google Cloud Platform CI/CD iOS Android Java Kotlin MediaMarkt Germany Saturn MediaMarkt Spain MediaMarkt Netherlands MediaMarkt Italy

## Freelance Mobile App Developer

### FRAMEGRABBER Medien GmbH

📅 01.10.2021 - 01.07.2022

**Personnel responsibility:** —

**Task:** Developed two media guide apps and maintained close client communication.

#### Achievements:

- Implemented two media guide Apps: DA Kunsthaus Kinder Spiel and DA Kunsthaus Geschichte.
- Delivered 2 high-quality apps with regular client updates.

Education Flutter Dart iOS Android DA, Kunsthaus Kinderspiel DA, Kunsthaus Geschichte

## Freelance Mobile App-/Web Developer

### SNAPNEXT GMBH

📅 01.06.2020 - 01.09.2021

**Personnel responsibility:** — 1 Developer **Task:** Developed and maintained mobile and web applications for various clients.

#### Achievements:

- Developed and maintained apps such as Mein Orthomol, Orthomol - Virtuelle Apotheke, Mosaik, Tetrapak WEIHNACHTS-ORCHESTER, and EFFZEH 360.
- Maintained close communication with clients, providing regular updates and feedback.

Health & Lifestyle E-Commerce Flutter Dart ReactJS JavaScript CI/CD Firebase JAMStack Salesforce Shopware Strapi Vue.js iOS PostgreSQL Android Python Mein Orthomol

## Freelance App Developer

### TRIPPLE-A-CODE GMBH

📅 15.01.2020 - 01.06.2020

**Personnel responsibility:** —

**Task:** Led the development of the Holoswitch App and implemented custom WebRTC plugin.

**Achievements:**

- Spearheaded the development of the Holoswitch App.
- Implemented custom WebRTC flutter plugin.
- Ensured seamless communication between the app and VR-Hardware.
- Set up CI/CD Pipelines for development, testing and deployment.
- Delivered high-quality applications tailored to client needs.

Virtual Reality

Flutter

Dart

WebRTC

CI/CD

Vue.js

iOS

Android

Java

Holoswitch

## Team Lead / App Developer

### PEQAS GMBH

📅 01.11.18 - 01.01.2020

**Personnel responsibility:** 3 Junior Developers, 1 Designer **Task:** Led the development of a cross-platform mobile application and managed CI/CD and AWS infrastructure.

**Achievements:**

- Led the development of a cross-platform mobile application from scratch.
- Set up environments, Travis CI/CD pipelines, and AWS servers.
- Organized and led weekly sprint meetings.
- Gained practical experience in team management and agile development.

Augmented Reality

Flutter

Dart

CI/CD

TypeScript

Python

Firebase

Agile Project Management

Vue.js

SRTP

iOS

Android

## Working Student - Data Scientist

### DAI-Labor – Distributed Artificial Intelligence Laboratory

📅 01.03.2018 - 01.11.2018

**Personnel responsibility:** —

**Task:** Developed an event-based recommender system for Realeyz GmbH using data analysis and machine learning.

**Achievements:**

- Designed and developed an intelligent system to recommend movies based on world events.
- Used data analysis and machine learning algorithms to match events with movies.
- Collaborated with EYZ-Media GmbH and Realeyz GmbH.

Research

NLP

Web Scraping

Spacy

Scrapy

PostgreSQL

Python

Java

Spring Boot

# PERSONAL PROJECTS

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## Tessellai

### Personal Project

📅 01.2025-Present

- Developed a cloud-based image storage solution for events, allowing event managers to administer event photos.
- Offers a public API for device connectivity and on-site interactive features like a live mosaic service.

AWS

S3

SST.dev

ECS

ReactJS

Python

TypeScript

NodeJS

NeonDB

PostgreSQL

DynamoDB

## REFERENCES

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*"Wunderbare, professionelle Zusammenarbeit! K. hat den Grundstein für unsere gesamte mobile App Entwicklung gelegt. Sehr zu empfehlen!! "* - **Andre Gröschel, TrippleACode GmbH**

*"Professionelle, ergebnisorientierte, stets freundliche Zusammenarbeit. Ohne Einschränkung weiterzuempfehlen. Danke K.!"* - **Timo Mugele, Framegrabber GmbH**

*"K. hat uns mit klarer Kommunikation und vollem Einsatz überzeugt. Wir können die Zusammenarbeit mit ihm nur empfehlen "* - **Tim Schröder, MassiveMiniTeam GmbH**

*"Khalid has both, self-organization and autodidactic knowledge and abilities, thus he is stepping out, compared to regular flutter developers!"* - **Max Arbeiter, SnapNext GmbH**

*"Superschnell ins Teamsetting eingefügt, immer hands-on Mentalität und Lösungsfokus, für einige Bereiche FE-Lead beim Re-Build der App übernommen"* - **Nina Tamerl, Roodie Health GmbH**

*"K. was a very valued colleague in my department. He was very reliable and always happy to support others in the team."* - **Andreas Partenhauser, MediaMarktSaturn Technology GmbH**

Please request permission before contacting references. Thank you.

