

KHALIT HARTMANN

Freelance Fullstack Engineer / Flutter Expert

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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

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

"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.

