

René Kann

Mobile Architect | Interim Lead



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Mobile

Objective-C Swift Flutter Redux
Cocoapods Carthage Xcode Dart JSON
Fastlane Dependency Injection MVVM
MVP MVC Broadcasting Pattern VIPER
Unit Testing XCTest Core Data Native Apps
Salesforce SDK Couchbase lite PromiseKit
Tesseract OCR Git Browserstack

Team Lead

TDD Rapid Application Development Scrum
Clean Code Continuous Integration
Continuous Delivery GitHub Gitlab
Project lead Agile Development Jira
Confluence

General Development

Node NPM Grunt ReactJS JavaScript
TypeScript Python 3.x

Backend / Infrastructure

REST AWS Serverless MySQL
Kubernetes Prometheus

I am a software engineer with many years of experience for Mobile (iOS / Flutter) and web, including knowledge of the "full-stack" of web technologies for frontend and backend services.

As a developer and technical lead I managed various projects for well-known, multinational clients (e.g. Daimler AG, Mercedes-Benz Museum, Autostadt / Porsche AG, ImmobilienScout24, BKK VBU) and lead teams of varying sizes (between 5 to 15 persons). Having worked in a usability agency for many years and being extremely self-motivated with a strong interest for „usable“ products which are balanced with a technical design for a long term use.

I can help with

- Building a MVP
- to (further) develop an app
- as Interim Tech Lead / Interim CTO
- with refactoring, introducing testability, performance issues
- Mentoring

Experience

BKK VBU

08/2019 - 12/2020

Freelance Interim Tech Lead

Kubernetes Flutter RabbitMQ Keycloak eHealth CI/CD Redux B2C

Support for the realisation of (mobile) applications in the field of eHealth and the digitalisation of the health care system. Implementation of an app for insured persons of the BKK VBU to get in contact with your health insurance company and to be able to complete tasks. In addition to the app (flutter), the complete stack was realized on the basis of Kubernetes and various individual services. These services were connected to established standard tools of health insurance companies (e.g. 21c of BITMARCK) to provide data for policyholders.

- Interim Tech Lead for VBU platform
- Mentoring internal developers (Architecture / Coding Standards)
- Realization of the Flutter App and implementation of various services operated with Kubernetes

🍏 <https://apps.apple.com/de/app/bkk-vbu-meine-krankenkasse/id1488743521?l=de>

🌐 https://play.google.com/store/apps/details?id=de.meine_krankenkasse.vhoenixapp

Paternity Leave

06/2019 - 07/2019

Dad

Expanding the key skills bouncing, calming, encouraging, doing laundry and getting along with little sleep.

Successyou GmbH (Part of OSF Digital)

01/2019 - 05/2019

Freelance Senior iOS Developer + Consultant

Salesforce Swift Couchbase B2B

Maintained an app for a large multinational corporation of nonalcoholic beverage concentrates which was used by a large group of sales representatives in Europe. The app was highly reactive, connected to Salesforce backend and used Couchbase lite for local persistence. I migrated the app and related frameworks to Swift 4.2 and gave architectural decisions and recommendations.

- Salesforce SDK / Salesforce with iOS
- Used Couchbase lite for local persistence
- International Team

Languages

German (Native)

English (Professional working proficiency)

Spanish (Elementary proficiency)

Free2Move (Groupe PSA)

10/2018 - 12/2018

Freelance Senior iOS Developer + Consultant

Objective-C Swift Migration Workshop B2C

Working in an English speaking environment I supported with test-driven implementation of a complete new feature for multi provider registration. Did the architectural decisions and recommendations, gave a workshop about introducing testability for the overall project and helped migrating from Objective-C to Swift 4.x

- Introduced testability and gave workshop about testing
- International Team
- Migration from Objective-C to Swift

ImmobilienScout24

01/2018 - 09/2018

Freelance Senior iOS Developer + Consultant

Swift Objective-C Test-Driven AWS Migration B2C

Working in an English speaking environment I supported with test-driven implementation of new product functions using Swift / Objective-C and MVVM, MVP in biweekly sprints for the ImmobilienScout24 App. I also consulted in evaluation of new product ideas, feasibility study to connect external service providers.

- Implemented new feature to generate realtor leads
- International Team
- Migration from Objective-C to Swift

🍏 <https://apps.apple.com/de/app/immobilienscout24-immobilien/id344176018>

BitingBit GmbH

01/2017 - 12/2017

Freelance Senior iOS Developer + Consultant

Objective-C Swift Firebase Neuentwicklung Mentoring MVVM B2C

Support in maintaining an iOS app for a leading German multinational automotive company. Implemented new features in weekly sprints, performed code reviews and refactored several parts of the app to reduce technical debt. I also implemented an app (from scratch) for visitors of congresses to manage their favorite lectures, asking questions to the referents and reviewing the whole event agenda. The app uses Google Firebase as backend, the main architecture is built upon MVVM and set its focus upon offline capabilities to deal with bad network coverage.

- Maintained app for automotive environment
- Mentoring mobile developers
- Build swift app for dentist exhibition from scratch



UCDplus GmbH

05/2011 - 12/2016

CTO + Mobile Lead

Technical lead and manager of various projects for well-known, multinational clients (e.g. Daimler AG, Mercedes-Benz Museum, Autostadt / Porsche AG). I implemented iOS apps as lead developer as part of a team with varying sizes like the Daimler AG Entertainment app, the Daimler AG Jobs app, an app for the Porsche AG for the new opened Porsche pavilion at the Autostadt Wolfsburg. Besides, I lead the development team and optimized the processes and procedures of the development stack.

Soraxdesign

06/2006 - 12/2010

Founder and CEO

We implemented rich internet applications (RIA) with Flash, Flex and web applications for various national clients. Main focus was developing customized content management systems and individual web apps.

Zephram GbR

05/2007 - 01/2010

Freelance Idea Engineering

I worked as idea engineer for the Zephram GbR, moderated workshops and developed product ideas.

Schroeder + Wendt GbR

06/2006 - 10/2009

Freelancer for RIA and Web Development

Implemented rich internet applications (RIA) with Flash, Flex and Silverlight and web applications for various larger clients. Created a prototype of a possible online video analyzing and editing tool with Silverlight for a presentation at the Cebit 2012 together with Microsoft.

Education

Otto-von-Guericke University Magdeburg

08/2005 - 05/2011

Dipl.-Ing. of Computational visualistics, focus on mechanical engineering
1.8

Volunteer

Webmontag Berlin

01/2013 - 06/2014

Organisation, Presentation

Co-Organized a monthly meetup with up to 100 visitors related to web and mobile technologies at startups and organizations.

Publications

Master Thesis

05/2011

Otto-von-Guericke University Magdeburg

Acceleration of computerized decision making processes with pairwise comparisons based on sorting algorithms.