René Kann
Senior Software Frontend Engineer

Senior Software Frontend Engineer with 10+ years of experience building software products in corporate or agency settings. I care about maintainable and well-tested code, mentoring and creating awesome products with like-minded people.

Passion for Mobile (worked on 20+ apps) & Cloud (AWS, K8s)	Worked in agency and product company settings	5+ years Swift & Objective-C, 2+ years Flutter experience	Hands-on, user-centric, pragmatic and agile

Experience

Miro │ Senior Software Frontend Engineer
12/2022 - Present

Responsible for Miro's success on all platforms beyond the desktop: tablets, smartphones, large interactive displays.

iOS, Android, React, React Native, JavaScript, TypeScript, Electron, Swift, Fastlane, Github CI/CD, REST

☺ Draw me something

BKK VBU │ Senior Software Engineer
03/2021 - 12/2022

Realization of mobile and web applications in the field of eHealth and the digitization of the health care system with a focus on "Joy of Use".

- Scaled and further developed the customer client app to four-part daily active users and six-digit registrations
- Ensured coding standards by evolving architecture, code reviews, testability and pair programming (clean architecture, MVVM, TDD)
- Increased the bus factor by cross-training / pair programming to nearly full team size on the whole stack
- Participated in user testing sessions as spectator to fully understand user needs
- Increased reliability and availability of the app to in average 99,85% (both platforms) crash free rate
- Interim Lead for new web team, ramped up team and built recruiting website, which increased application rate by factor two
- Took ownership for the project "Online Access Act" to connect 50+ forms to internal systems

Swift, Objective-C, Kotlin, iOS, Android, Dart, Flutter, Fastlane, Gitlab CI/CD, Kubernetes, RabbitMQ, Helm, PostgreSQL, AWS CDK, Keycloak, REST

 App Store   Play Store

Child care
01/2021 - 02/2021

Child care in lockdown due to daycare closures.

BKK VBU │ Freelance Senior Software Frontend Engineer / Interim Tech Lead
08/2019 - 12/2020

Realization of applications in the field of eHealth and the digitization of the health care system with a focus on "Joy of Use".

- Initial creation, scaling and maintaining the VBU app within 1 year to three-part daily active users and five-digit registrations
- Contributed to the hiring process to increase vbu.platform teams size by factor two
- Interim tech lead for vbu.platform as a coach, mentor to further grow and develop engineers on the app and web team
- Large projects were broken down into manageable, parallelizable tasks that could be solved in distinct stories and deliverables

Swift, Objective-C, Kotlin, iOS, Android, Dart, Flutter, Fastlane, Gitlab CI/CD, Kubernetes, RabbitMQ, Helm, PostgreSQL, AWS CDK, Keycloak, REST

 App Store   Play Store

Paternity Leave
06/2019 - 07/2019

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

Successyou GmbH (Part of OSF Digital) │ Freelance Senior iOS Developer + Consultant
01/2019 - 05/2019

Maintained an app for a large multinational corporation of nonalcoholic beverage concentrates which was used by a large group of sales representatives in Europe.

- Integrated Salesforce SDK for iOS
- Created extensive documentation for hand-over
- Migration Objective-C to Swift

Salesforce, Swift, Couchbase, B2B

Free2Move (Groupe PSA) │ Freelance Senior iOS Developer + Consultant
10/2018 - 12/2018

Working in an English speaking environment I supported with test-driven implementation of a completely new feature for multi-provider registration.

- Build, integrated and tested multi-provider registration for 20+ car, ride and bike sharing providers
- Introduced testability and gave a workshop about unit and integration testing
- Migration from Objective-C to Swift

Objective-C, Swift, Migration, Workshop, B2C

ImmobilienScout24 | Freelance Senior iOS Developer + Consultant   *01/2018 - 09/2018*

Working in an English speaking environment I supported with test-driven implementation of new product functions for the ImmobilienScout24 App.

- Implemented new feature for real estate valuation within the ImmobilienScout24 App
- Integration of ad tracking
- Migration from Objective-C to Swift

Swift, Objective-C, TDD, AWS Serverless, Legacy Migration, B2C

 App Store

BitingBit GmbH | Freelance Senior iOS Developer + Consultant   *01/2017 - 12/2017*

Maintaining an app for a leading German multinational automotive company and applied new features in weekly sprints, performed code reviews.

- Refactoring to increase understandability and testability, reduce dry and common issues
- Being a mentor for junior mobile developers
- Built greenfield project for dentist exhibition

Objective-C, Swift, Firebase, Mentoring, MVVM, B2C

UCDplus GmbH | CTO / Deputy Managing Director   *05/2011 - 12/2016*

Lead (5+ engineers) and manager of various projects (team size 5 - 15) for well-known, multinational and middle-class clients.

- Team lead of 5+ engineers
- Piloted several projects (team size 5 - 15) for multinational clients (e.g. Daimler AG, Porsche AG)
- Project lead for optician products, which revolutionized the optician market by reducing costs by 90% compared to competitor products and won the SILMO d'Or award
- Ensured coding standards and maintainability by evolving architecture, testability and pair programming

Objective-C, Swift, Fastlane, MVVM, CI/CD, Mentoring / Coaching, Onboarding, 1on1s, Employee Review, Hiring, B2C, B2B

 visuReal product page   SILMO d'Or winner

Skills

Mobile / Frontend Engineering: Objective-C, Swift, Flutter, Dart, Kotlin, Redux, Cocoapods, Xcode, Fastlane, Core Data, Native Apps, Mobile Apps, Browserstack, Node, NPM, Gatsby, TypeScript, React, JavaScript

General Engineering: Gitlab CI/CD, Pair programming, Dependency Injection, Clean Code, MVVM, MVP, MVC, Broadcasting Pattern, VIPER, Unit Testing, Integration Testing, Software Development Life Cycle / SDLC

Processes & Projectmanagement: Rapid Application Development, Refinement, Scrum, Project lead, 1one1s, Coaching / Mentoring, Agile Development, Jira, Confluence

Backend / Infrastructure: AWS CDK, Serverless, MySQL, PostgreSQL, Kubernetes, Prometheus, Helm, Keycloak, Python 3.x, Vertx, Kotlin, RabbitMQ, REST

Languages

German *(Native)*   English *(Professional working proficiency)*   Spanish *(Elementary proficiency)*

Interests

Father of two, Doing sports (running, biking) and (watching) soccer, Side projects and play around with tech, Podcasts like Logbuch Netzpolitik, CRE, Finanzfluss etc., Books from Andreas Eschbach, LEGO

Volunteer

Webmontag Berlin | Organization, Presentation   *01/2013 - 06/2014*
Organization, Presentation

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

Education

Otto-von-Guericke University Magdeburg   *08/2005 - 05/2011*
Dipl.-Ing. of Computational visualistics, focus on mechanical engineering (1.8)