

# Jan Škrášek

Brno, Czech Republic | Born 1990 | [jan@skrasek.com](mailto:jan@skrasek.com) | [hrach.dev](https://hrach.dev) | [github.com/hrach](https://github.com/hrach) | Czech (native) & English

## About me

#Kotlin, #Android, #Architecture, #UI, #Tech debt removal, #Open source.

I have quite advanced overview of various technologies, programming languages, and design and architectural patterns. I prefer working in Kotlin.

## Work Experience

**Staff Android Software Engineer @ Kiwi.com** **2022/01–2024/01**

- Researching & introducing the open-source library [Navigation Compose Typed](#).
- Driving full-Compose app migration with Jetpack Navigation Compose.
- Supporting Orbit & Jetpack Compose adoption, evolving Orbit Compose library.
- (Re)designing Model layer architecture for the whole app.
- Refactoring Gradle setup with Kotlin script and convention plugins.
- Participating in community initiatives (BrMo, code.kiwi.com blog posts).

**Senior Android Software Engineer @ Kiwi.com** **2020/03–2021/12**

- Introducing Kotlin Coroutines & Flow and reactive programming.
- Introducing Jetpack Compose and making the first moves with the new UI toolkit.
- Creating [Orbit Compose](#) open source library with the implementation of the company's design system.
- Designing new UI testing infrastructure - PageObjects and related functionality.
- Participating in modularization design & efforts.

**Android Lead Developer @ Cleevio** **2019/11–2020/02**

- Introducing Kotlin Coroutines & Flow.
- Mentoring and teaching MVVM patterns and processes.
- Setting up CI/CD processes.

**Android Developer @ Sygic Travel** **2017/06–2019/10**

- Bringing Kotlin, Coroutines & reactive programming.
- Rewriting app's domain model & introducing MVVM and other Jetpack libraries.
- Creating a dark-mode version of the app.
- Setting up CI/CD processes, regular release train.
- Designing our SDK's API implemented across all platforms (Android, iOS, JS), authoring [Android SDK](#).

**Backend PHP Developer @ Sygic Travel** **2015/09–2017/05**

- Introducing new model architecture, middleware, etc.
- Creating API specification & validation & documentation [tooling](#).
- Setting up new infrastructure: Kubernetes, Terraform, configuration-as-code.
- Being responsible for AWS infrastructure since 2016.

**Backend PHP developer & consultant @ Neogenia** **2014–2015**

- PHP app development & app architect.

**Backend PHP developer & consultant @ Clevis** **2013–2015**

- PHP app development, frontend Typescript development.

**Backend PHP developer @ I&Q Group** **2008–2013**

- PHP app development, frontend coding, Linux server management.

## Open-source & hobby projects

**Nextras Components' Developer and Trainer [github.com/nextras](https://github.com/nextras)** **2012–now**

- Orm, Dbal, Migrations, Orm IntelliJ plugin, Orm PHPStan plugin.
- Nextras is my major open-source experience; Nextras Orm is a powerful ORM layer currently with >5k of installs per month.

**Nette Framework's Developer [nette.org/contributors](https://nette.org/contributors)** **2011–2015**

- Development of database abstraction layer, one of the top contributors

**tickin.cz** /PHP, Typescript, React, Postgres, Android/ **2014–2019**

- Online platform for hall seating plan & selling tickets;
- Development of frontend/backend/Android client;
- Android app for ticket validation – in C# using Xamarin Native

**Lead developer** @ Signály.cz /PHP, JavaScript, Typescript, MySQL, Postgres/ **2010–2018**

- Complex development of web app
- Experimentations with early React PHP & early Typescript; development of “real time” chat using these technologies
- Setup & maintenance of Azure cloud

## Education

**Masaryk University**, Faculty of Informatics; [Master's degree](#), Applied Informatics **2013–2015**  
Thesis: [Social Network Recommendation using Graph Databases](#) (en)

**Masaryk University**, Faculty of Informatics; Bachelor's degree, Applied Informatics **2010–2013**  
Thesis: [Mobile Application for the Responsive Community Site](#) (cs)