## About me

My name is Jakub Pradeniak, I'm from Czechia and I'm webapp developer. Currently I'm focusing on web app frontend. I write apps in React but I can achieve the same outcome with pure HTML5/CSS3/JS (ES6).

I studied IT at Palacky University in Olomouc, I haven't finished my degree there, but I got solid understanding of algorithmic math, OOP and general programming patterns. During my studies at UPOL I learned C/C++/C#, Common Lisp and Assembly language.

# Programming and development skills

# PHP Skill Level:

I'm writing sever side programs in PHP for over 12 years. I started to learn programming at grammar school and since then I'm self taught web app developer. I haven't used PHP frameworks much, because from the start it looked like overkill for small projects I worked on. After that I created my own solutions. Right now I'm working on e-commerce project.

### In PHP I wrote

- Infinity MVC PHP framework utilizing MVC architecture and is powering most of BlueNet apps,
   Infinity REST RESTful server written in PHP 8,
   Templator v0.1 automatic template system inspired by Plates and Volt,

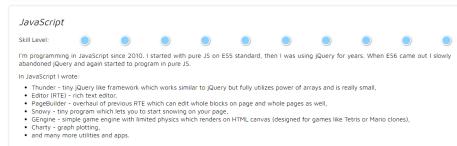
- Image processing class utilizing ImageMagick (I also made same class with GD),
- and many other smaller or bigger apps.

















- Profotky app photographers blog and photo bank (something like Pixabay on Unsplash, but with articles as bonus),
   some custom hooks for routinely used functionality like localStorage or cookies,
   single page placeholder website to give info about upcoming app,
   utility to help colleagues with their daily work with clients (something like minutes from meeting app helps with automatic client data filling, document templates, standardized design for print etc.),
   and many more tiny apps and exercise styled programs.
- React Native

  Skill Level:

  I took interest in React Native for Android development. Now I'm learning how to create apps for Android devices.

Kotlin

Skill Level:

When I first started to learn Android programming I was using Java, then after long break I tried to migrate to Kotlin, but currently I'm more interested in React Native for my Android apps.

# Java Skill Level: I learned Java at Palacky university. I used it mainly for educational purposes, but wrote some apps in it and dived into Android for first time. I has been 7 years since I programmed in Java. In Java I wrote: • Multi platform checkers game using custom UI and min-max algorithm for AI opponent with variable difficulty, • first slimple Android app.

· few more simple applications for my studies.

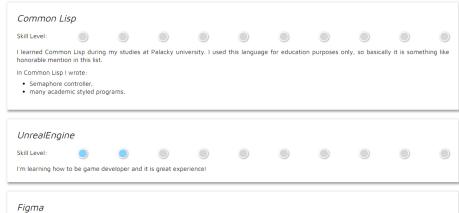
Skill Level:

and combinations of components (good that I have printed cheat sheet :)).

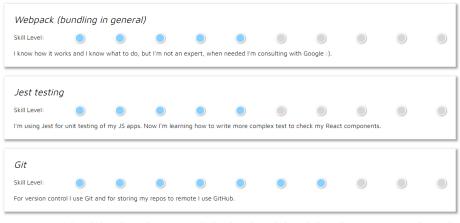








I'm prototyping all of our apps in Figma. This great tool saves so much time. Right now I'm struggling with memorization of all necessary shortcuts



I'm using Visual Studio Code for web apps development, Android Studio and VS Code for Android apps development, Visual Studio 2019 for C/C++ development and UE5 for game development (learning now). When I work with graphics I'm using GIMP, Krita and Inkscape, for photo editing I use Polar alongside with GIMP. When I'm modeling in 3D I use Blender.

At all of the skills above I evaluated my skill level according to my personal opinion/feeling.