

Miha Novak

Software Engineer

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EXPERIENCE

HomeClinico, Slovenia — Software Engineer

March 2021 - January 2022

- Created the whole Android (AR, sensors) app and helped on iOS side
- Created Wordpress website with Woocommerce, optimized it with caching and DNS
- Integrated database and analytics on website and within the Android app

I created this project along with my friend and worked on this full time. I managed the whole official release, customer and partner communication, web and mobile technicalities, analytics monitoring, marketing, ... basically all you can think of.

Outfit7, Slovenia — Software Engineer III

December 2018 - October 2021

- Created in-house Consent Management Platform (CMP) with multiple-legislation support (GDPR - TCF v2.0, COPPA, CCPA) (1 year)
- lead project Engineer
- Refactored in-house Ad Library from scratch to support Mobile Headerbidding Advertising (2 years) - lead project Engineer
- Integrated Gameloft rewarded playable Server-to-Server (S2S) and debugged their HTML/Javascript Ad creatives
- Created in-house S2S Ad creative (VAST, MRAID, VPAID) rendering engine within WebView (6 months)
- Did periodical optimisation checks (memory, CPU, leaks) of the multithreaded in-house Ad Library with the Android Studio Profiler

Due to COVID-19 safety measures I have been working fully remotely since **March 2020**. I have noticed a great increase in accomplished tasks by staying focused longer due to fewer interruptions. Working remotely strictly depends on personal work ethic, which correlates with my discipline thus the remote option was a game changer for me.

Outfit7, Slovenia — Software Engineer II

November 2016 - December 2018

- Head S2S engineer for Android and iOS and one of two lead AdTech Engineers in Outfit7 and lead third party SDK engineer
- Main technical contact for SuperAwesome, InMobi, IronSource, ...
- Created Mobile Headerbidding proof-of-concept (3 months)
- Refactored Android S2S in-house Ad rendering engine (3 months)
- Created Ad identification system for detecting inappropriate ads
- Automated work with scripts

MOTIVATION

I have always created performant and highly optimized software solutions (mostly on Android). I am an advocate of optimized and maintainable code with good architectural design and tested codebase. Users in 2022 expect everything to work flawlessly and we developers are obligated to provide such solutions. I consider myself a **Mobile Engineer** with intermediate knowledge of backend systems and I pursue to be highly qualified in the field I'm working in.

SKILLS

Advanced

Android, Java, Kotlin, Gradle, Gitflow

Intermediate

React, Javascript, HTTPS, CSS, Flutter

Basics

iOS, Swift, Postgres, SQL, REST, Python

LANGUAGES

- **Slovene**
Native Proficiency (S-5)
- **English**
Full Professional Proficiency (S-4)
- **Croatian**
Full Professional Proficiency (S-4)
- **German**
Elementary Proficiency (S-1)

Outfit7, Slovenia — Software Engineer I

November 2015 - November 2016

- Refactored Talking Tom 2 minigames (core mechanics, view animations, UI/UX design)
- Made support for Talking Tom 1 Android TV support
- Integrated S2S Ad providers (banners, interstitials, rewarded videos)

Infinum, Slovenia — Android Developer

April 2015 - November 2015

- Created 2 Android apps (ASFalt and Hammamed Medical) for clients
- Communicated in English, Croatian and Slovene

EDUCATION

Faculty of Computer and Information Science, Ljubljana (Slovenia) *Bachelor's degree in computer science and informatics*

2014 - Unfinished

Unfinished due to full time employment. 25/30 exams done.

Computer Gymnasium, Ljubljana (Slovenia) *Gymnasium graduate*

2010 - 2014

CONTACT

- **Website**
mihanovak1024.com
- **LinkedIn**
linkedin.com/in/mihanovak1024
- **Github**
github.com/mihanovak1024
- **StackOverflow**
stackoverflow.com/users/6819938
- **StackOverflow Story**
stackoverflow.com/story/mihanovak1024

PROJECTS

Personal blog

mihanovak1024.com/posts

Blog posts on startups and technical aspects of digital advertising.

HomeClinico

mihanovak1024.com/portfolio/homeclinico

A home-based arm exercising tool based on a mobile app for post-stroke patients.

BROKEr

mihanovak1024.com/portfolio/real-estate-scraper

Scraper for Slovenian real estates with a mobile app for displaying the filtered real estate ads.

Programmers Guide Slovenia

mihanovak1024.com/portfolio/programmers-guide-slovenia

Basic guide for new programmers in Slovenia.

Count On Me

mihanovak1024.com/portfolio/count-on-me

A sophisticated Android counter app that keeps track of counting statistics.

DrinKing

mihanovak1024.com/portfolio/drinking

A self-service beer machine with a mobile app payment system.