

28 December 2019

Curriculum Vitae

Michał Osadnik

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Commercial experience

October 2019 – present

Zebra IQ

React Native consultant, engineer.

My involvement was mainly connected with polishing user experience and making app satisfying for most demanding users when it comes to design and animations

September 2019 – present

Software Mansion

Software Engineer, Manager of Open Source Software development

My job was a continuation of my previous contract with Software Mansion. I was still involved in many popular Open Source projects related mostly to React Native. But for development, I became responsible for managing Open Source development and marketing strategy in the whole company.

June – September 2019

Facebook, React Native core

Front End Engineer Intern

While working in Facebook, I had an amazing opportunity to work deeply on generating low-level (C++, Objective-C++) code from JavaScript (Flow) static analyzing. It was a meaningful improvement related to new React Native architecture. During my internship, I managed to migrate and release the

Marketplace app used by billions of users into the new code generation system authored by me.

February, 2019 – present

Rainbow Studio (prev. Balance.io)

Mobile engineer, consultant

While collaborating with Rainbow I was responsible for developing a cryptocurrency wallet mobile app. I was enhancing UX of an application with the most difficult navigation and animations related patterns

February, 2018 – June, 2019

Software Mansion

Software Engineer

During my job, I was mainly involved in the development of several webs and mobile applications for our clients and contributions to significant open-source projects concerned with React Native. I was primarily involved in front-end development, but often I had to dig into the backend side as well.

July, 2017 – January, 2018

Printbox Kraków

Mobile Developer

My responsibilities included improving and maintaining a mobile app for photoproduct eCommerce made with React Native and Objective-C used by thousands of consumers monthly

Projects

January 2019 – January 2020

Spendshare

Engineering thesis and project for exploring Integer Linear Programming possibilities in order to extend possibilities of simplifying debts algorithm. It was connected with theoretical research related to the NP-complex problems

reductions. But for scientific side, I was responsible for back-end and microservices' development.

2018 – present

React Native Gesture Handler

The library which provides a native-driven gesture management APIs for building touch-based experiences in React Native, which is currently the most popular library for gesture interaction in React Native. It makes touch interactions and gesture tracking not only smooth but also dependable and deterministic. As a contributor, I was responsible for maintaining the library and improving gesture interactions. React Native Gesture Handler is considered as a primary solution for gestures' recognition in React Native.

2018 – present

React Native Reanimated

The library that provides a declarative low-level abstraction API for making complex and smooth animations in React Native. I was responsible for developing new features and maintaining an existing codebase.

These and other projects may be found on my GitHub

Skills and areas of interests

Algorithms, Math, Theoretical Computer Science, NP-hard problems, Linear and Quadratic Programming, Mobile and Web development, OOP, functional programming, team-working, project coordinating, technical writing, design, user experience.

Languages

Native Polish

Advanced English – C1. 7.5 IELTS certificate

Basic Spanish

Hobbies

Art, design, literature, poetry, classical music, traveling, cycling

Technologies

I know well:

React, React Native, JavaScript, TypeScript, Java, Objective-C, Git.

I met:

Python, Elixir, Erlang, C, C++, Objective-C++, Scala, Swift, Haskell, Kotlin.

I wish to get acquainted:

Ruby, Rust

Education

2016-2020

AGH University of Science and Technology, Kraków

Computer Science,

Faculty of Computer Science, Electronics and Telecommunications

2019

Jagiellonian University, Kraków

Inter-faculty Individual Studies in the Humanities

2012-2016

I Juliusz Słowacki Academic High School, Chorzów

Extended English class, Mathematics, Physics and Computer Science

Achievements and extracurricular activities

6 December 2019

React Day Berlin conference speaker

11 September 2019

React Edinburg conference speaker

5 September 2019

React Native Europe conference speaker

5 April 2019

App.js conference speaker

20 October 2018

Mobilization conference speaker

September 2016 – present

Participant of BIT Scientific Society

2017 – 2018

Idea Factory section president

2016 – 2018

Algo section teacher

2016 – present

Idea Factory section member

2019, 2018, 2017, 2016

Rector's scholarship for high academic performance

2016

Laureate of AGH Olympiad in Physics

2016

Laureate of AGH Olympiad in Math

2016

Finalist of Literature and Polish Language Olympiad